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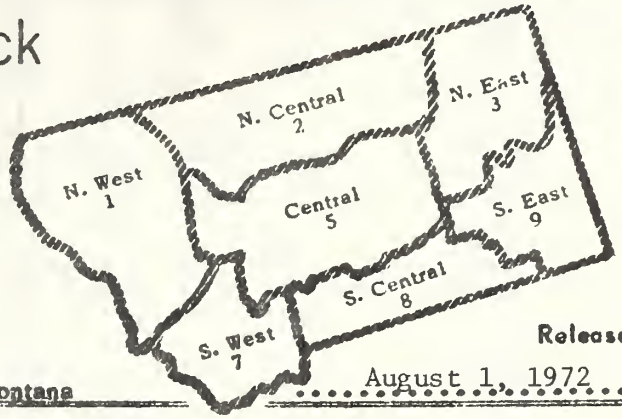

MONTANA WHEAT VARIETIES - 1972 CROP

WINALTA PRINCIPLE WINTER WHEAT VARIETY: Winalta continues to be the most important winter wheat variety in Montana. It is the leading variety in the northcentral, northeastern, southeastern, and southwestern districts. Winalta is winter hardy, and has outstanding milling and baking qualities. This year Winalta was seeded on an estimated 936,000 acres which represents 44 percent of the total winter wheat acreage. Last year Winalta represented 41 percent of the acreage.

The second spot is held by Cheyenne, which was planted on an estimated 719,000 acres. This acreage is 34 percent of the total winter wheat acreage. Cheyenne is the most popular variety in the central and southcentral districts. Cheyenne is known for its strong gluten flour.

Warrior is the third most important variety in Montana. This variety has good milling and baking properties. It was seeded on 143,000 acres which is 7 percent of the winter wheat acreage. Trapper is fourth with 98,000 acres.

These 4 main varieties account for 88 percent of the 1972 winter wheat crop. The balance of the planted acreage is made up of several minor varieties.

FORTUNA TOP HARD RED SPRING WHEAT VARIETY: For the fourth year in a row, Fortuna is the principle hard red spring wheat variety. Fortuna is a high-yielding variety with fair milling and baking characteristics. Fifty-three percent of the 1972 hard red spring acreage is planted to Fortuna. Manitou, the second most popular variety this year, is planted on an estimated 276,000 acres or 15 percent of the total--considerably below the Number one variety.

Thatcher was third, with 274,000 acres--just slightly less than Manitou. The three leading varieties accounted for 83 percent of the total planted acres.

WELLS NUMBER ONE DURUM VARIETY: Wells, the Number one durum wheat variety in Montana was seeded on an estimated 61,000 acres this spring. Leeds the second leading variety, was seeded on 47,000 acres. These two varieties make up 86 percent of all durum acreage.

(continued on Page 5)

WINTER WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS, AND SELECTED COUNTIES - MONTANA 1972

Dist. & Co.	Winalta	Cheyenne	Warrior	Trapper	Lancer	Winoka	Mc Call	Froid	Wanser	Itana	Crest	Gaines	Turkey	Nugaines	Rego	Other	Total
								THOUSAND ACRES									
N. WESTERN	3.6	5.5	--	--	--	--	--	--	--	--	1.2	10.5	--	6.3	--	4.9	32.0
Blaine	46.4	--	--	4.8	--	.2	--	5.8	--	--	--	--	--	--	--	1.8	59.0
Chouteau	83.3	194.8	29.7	26.3	7.2	--	--	--	16.4	--	--	--	--	--	--	8.3	366.0
Glacier	22.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	22.0
Hill	181.2	42.4	7.2	12.9	--	.4	.9	--	--	--	--	--	--	--	--	--	245.0
Liberty	16.3	26.9	--	27.8	--	--	--	--	--	--	--	--	--	--	--	--	71.0
Phillips	43.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	43.0
Pondera	55.4	30.3	5.1	4.4	--	11.0	--	--	--	--	--	--	--	--	--	2.8	109.0
Teton	26.0	32.3	7.9	11.7	--	5.4	7.1	--	.3	--	--	--	--	--	--	2.3	93.0
Toole	15.5	10.7	1.7	2.9	.2	.6	.2	.2	.5	--	--	--	--	--	--	.5	33.0
N. CENTRAL	489.1	337.4	51.6	90.8	7.4	17.6	8.2	6.0	17.2	--	--	--	--	--	--	15.7	1041.0
Dawson	69.1	15.2	3.1	--	--	--	--	--	--	--	--	--	--	--	--	8.1	95.5
Garfield	16.0	6.2	--	--	--	--	--	--	--	--	--	--	--	--	--	1.3	23.5
McCone	35.6	--	--	--	--	1.3	--	9.6	--	--	--	--	--	--	--	--	46.5
Richland	55.4	2.1	--	--	--	--	--	5.1	--	--	--	--	--	--	--	3.4	66.0
Other	13.7	.1	--	--	5.6	--	--	4.5	--	.4	--	--	--	--	--	.2	24.5
N. EASTERN	189.8	23.6	3.1	--	5.6	1.3	--	19.2	--	.4	--	--	--	--	--	13.0	256.0
Cascade	43.1	50.9	18.1	5.0	.2	4.3	--	--	.1	--	--	--	8.0	--	--	2.3	132.0
Fergus	14.2	60.8	15.6	2.2	1.4	3.1	--	--	--	8.4	--	--	.5	--	--	1.8	108.0
Judith Basin	24.0	13.6	4.7	--	.1	.6	--	--	.6	--	--	--	--	--	--	.4	44.0
Other	18.9	35.0	4.9	.2	3.7	.4	--	--	--	1.5	--	1.0	.3	--	--	.1	66.0
CENTRAL	100.2	160.3	43.3	7.4	5.4	8.4	--	--	.7	9.9	--	1.0	8.8	--	--	4.6	350.0
Gallatin	14.6	22.2	--	--	--	--	--	--	--	--	11.3	1.2	--	1.3	2.2	5.2	58.0
Other	11.5	2.2	--	--	--	--	--	--	--	--	.6	.1	2.2	.1	.1	.2	17.0
S. WESTERN	26.1	24.4	--	--	--	--	--	--	--	--	11.9	1.3	2.2	1.4	2.3	5.4	75.0
Big Horn	28.9	14.7	6.6	--	4.8	--	--	--	2.5	--	--	--	--	1.5	--	--	59.0
Carbon	4.0	6.5	2.4	--	--	--	--	--	--	--	--	--	--	--	--	1.1	14.0
Stillwater	--	43.9	.3	--	--	--	10.2	--	--	--	--	--	--	--	--	.6	55.0
Yellowstone	13.0	42.4	4.0	--	--	--	8.2	.4	--	3.0	--	--	--	1.4	2.5	.1	75.0
Other	4.5	16.9	2.1	--	--	--	--	--	--	--	1.1	--	--	--	1.4	--	26.0
S. CENTRAL	50.4	124.4	15.4	--	4.8	--	18.4	.4	2.5	3.0	1.1	--	--	2.9	3.9	1.8	229.0
Fallon	28.7	2.1	4.6	--	4.0	.9	--	.4	--	1.3	--	--	--	--	--	--	42.0
Powder River	5.2	16.5	--	--	2.3	--	--	--	--	--	--	--	--	--	--	--	24.0
Prairie	14.5	3.0	24.5	--	--	--	--	--	--	--	--	--	--	--	--	--	42.0
Rosebud	--	19.4	--	--	--	.1	.5	--	--	--	--	--	--	--	--	--	20.0
Other	28.3	2.2	--	--	--	.8	--	.5	--	--	--	--	--	--	--	.2	32.0
S. EASTERN	76.7	43.2	29.1	--	6.3	1.8	.5	.9	--	1.3	--	--	--	--	--	.2	160.0
STATE	935.9	718.8	142.5	98.2	29.5	29.1	27.1	26.5	20.4	14.6	14.2	12.8	11.0	10.6	6.2	45.6	2143.0

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1968 - 1972
1971 REVISED AND 1972 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1968	1969	1970	1971	1972	1971	1972
	Pct.	Pct.	Pct.	Pct.	Pct.	Revised	Preliminary
WINTER WHEAT							
Winalta	38.1	44.5	40.9	41.4	43.7	792,000	935,900
Cheyenne	41.7	33.9	35.5	32.8	33.5	627.500	718,800
Warrior	11.8	10.7	10.9	10.4	6.6	199,000	142,500
Trapper	--	--	.2	2.2	4.6	42,100	98,200
Lancer	.8	2.6	2.4	3.0	1.4	57,400	29,500
Winoka	--	--	*	.5	1.4	9,600	29,100
McCall	--	--	--	.1	1.3	1,900	27,100
Froid	--	--	.8	2.2	1.2	42,100	26,500
Wanser	--	--	.1	.1	.9	1,900	20,400
Itana	.9	1.5	1.1	1.2	.7	23,000	14,600
Crest	--	*	*	.6	.7	11,500	14,200
Gaines	.7	1.1	1.0	.9	.6	17,200	12,800
Turkey	.1	.4	.6	.8	.5	15,300	11,000
Nugaines	--	--	.6	.4	.5	7,700	10,600
Rego	.6	.4	.3	.2	.3	3,800	6,200
Weather-master 106	--	--	--	*	.2	--	4,700
Delmar	.3	.3	.5	.4	.2	7,700	4,400
Karmont	1.2	1.7	1.6	.4	.2	7,700	3,800
Yogo	.6	.2	.4	.3	.2	5,700	3,700
Minter	.6	.4	.5	.2	.1	3,800	2,800
Newturk	.3	.1	.5	.1	.1	1,900	2,400
Other	2.3	2.2	2.1	1.8	1.1	34,200	23,800
TOTAL	100.0	100.0	100.0	100.0	100.0	1,913,000	2,143,000
SPRING WHEAT							
Fortuna	12.8	52.0	60.9	47.7	53.1	1,161,500	983,400
Manitou	1.0	1.4	7.1	15.2	14.9	370,100	275,700
Thatcher	34.6	21.9	15.9	16.2	14.8	394,500	273,700
Canthatch	8.7	5.3	2.3	2.1	3.3	51,100	61,800
Centana	4.4	2.6	2.7	3.4	2.0	82,800	36,400
Red River 68	.2	.4	.6	1.4	1.1	34,100	21,200
Chinook	9.6	4.6	2.5	1.1	1.1	26,800	21,000
World Seeds 1809	--	--	--	.2	1.1	4,900	20,900
World Seeds 1812	--	--	.7	2.3	1.0	56,000	18,000
Bonanza	--	*	.1	.1	1.0	2,400	17,700
Ceres	5.6	2.7	2.2	4.1	1.0	99,800	17,700
Woldren	--	--	.2	1.2	.8	29,200	15,200
Neepawa	--	--	--	.4	.5	9,700	9,000
Justin	1.1	.5	.5	.6	.4	14,600	7,000
Weathermaster 70	--	--	--	*	.4	--	6,900
Lee	.1	.3	.1	*	.3	--	6,300
Chris	.7	.2	.1	.2	.3	4,900	5,200
Sheridan	3.3	1.3	.6	.3	.2	7,300	3,700
Polk	--	*	.1	.2	.2	4,900	3,600
Rescue	2.2	1.1	.4	.2	.2	4,900	3,200
Mida	.1	.2	.1	*	.2	--	2,900
Crim	6.7	2.1	1.2	.8	.1	19,500	2,400
Marquis	*	.1	.1	.1	.1	2,400	2,200
Selkirk	.3	.6	.2	.1	.1	2,400	1,000
Other	8.6	2.7	1.4	2.1	1.8	51,200	33,900
TOTAL	100.0	100.0	100.0	100.0	100.0	2,435,000	1,850,000

* Less than 0.1 percent of total acreage.

HARD RED SPRING WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS, AND SELECTED COUNTIES - MONTANA 1972

Dist. & Co.	Fortuna	Manitou	Thatcher	Canthatch	Centana	Red River 68	Chinook	World seeds 1809	World seeds 1812	Bonanza	Ceres	Waldren	Neepawa	Justin	Other	Total
							THOUSAND ACRES									
N. WESTERN	1.3	--	2.2	--	.8	--	--	--	--	--	.1	--	--	--	3.1	7.5
Blaine	41.3	3.3	1.3	--	1.9	.2	--	--	--	--	--	--	--	--	--	48.0
Chouteau	65.6	.1	1.5	--	9.5	--	.8	--	--	--	2.3	--	--	--	.2	80.0
Glacier	34.1	--	--	--	--	--	--	--	--	5.9	--	--	--	--	--	40.0
Hill	132.5	24.5	21.1	--	3.2	--	--	3.1	--	--	.2	--	--	--	5.4	190.0
Liberty	111.1	--	4.2	--	2.3	--	--	3.3	--	--	3.5	--	--	--	.6	125.0
Phillips	39.3	10.4	15.0	--	1.8	--	--	--	--	--	--	--	--	--	.5	67.0
Pondera	28.8	1.7	--	--	--	--	--	--	.8	6.7	--	--	--	--	--	38.0
Teton	34.7	--	.3	--	--	--	--	--	--	--	--	--	--	--	--	35.0
Toole	112.0	--	16.9	--	--	--	--	--	--	3.6	--	--	--	--	2.5	135.0
N. CENTRAL	599.4	40.0	60.3	--	18.7	.2	.8	6.4	.8	16.2	6.0	--	--	--	9.2	758.0
Daniels	79.1	61.0	.7	21.7	--	7.6	2.6	--	1.9	1.5	--	--	1.5	--	4.4	182.0
Dawson	3.2	2.3	7.1	1.2	1.6	--	--	--	--	--	--	3.4	--	--	.2	19.0
Garfield	3.6	--	--	--	--	--	--	--	--	--	--	--	--	--	2.4	6.0
McCone	9.6	21.7	30.3	4.9	--	1.2	7.3	--	9.0	--	--	--	--	--	6.0	90.0
Richland	6.5	4.8	9.7	4.4	--	--	--	3.4	2.3	--	1.7	.9	3.1	.6	3.6	41.0
Roosevelt	40.7	58.8	77.8	17.3	--	--	10.3	9.6	.7	--	--	4.4	3.4	2.4	3.6	229.0
Sheridan	22.8	68.9	1.9	1.3	--	5.0	--	1.5	--	--	--	5.7	1.0	--	7.9	116.0
Valley	130.0	9.6	76.4	2.9	1.5	2.7	--	--	2.9	--	--	--	--	--	--	226.0
N. EASTERN	295.5	227.1	203.9	53.7	3.1	16.5	20.2	14.5	16.8	1.5	1.7	14.4	9.0	3.0	28.1	909.0
Broadwater	9.8	--	--	5.5	.7	--	--	--	--	--	--	--	--	--	--	16.0
Cascade	17.1	--	--	--	.3	--	--	--	--	--	--	--	--	--	.1	17.5
Fergus	19.3	--	.2	--	2.8	--	--	--	--	--	3.6	--	--	--	.6	26.5
Judith Basin	6.6	--	1.3	--	3.6	--	--	--	--	--	--	--	--	--	--	11.5
Wheatland	2.8	--	--	--	--	--	--	--	--	--	1.2	--	--	--	--	4.0
Other	2.3	--	--	.2	.9	--	--	--	--	--	4.8	--	--	--	.3	8.5
CENTRAL	57.9	--	1.5	5.7	8.3	--	--	--	--	--	9.6	--	--	--	1.0	84.0
Gallatin	10.2	--	--	--	--	--	--	--	.4	--	--	--	--	--	2.1	12.7
Other	--	--	1.0	--	--	--	--	--	--	--	--	--	--	--	4.3	5.3
S. WESTERN	10.2	--	1.0	--	--	--	--	--	.4	--	--	--	--	--	6.4	18.0
Yellowstone	--	--	--	--	2.5	--	--	--	--	--	--	--	--	--	--	2.5
Other	2.1	.1	3.5	--	.1	--	--	--	--	--	--	--	--	--	2.2	8.0
S. CENTRAL	2.1	.1	3.5	--	2.6	--	--	--	--	--	--	--	--	--	2.2	10.5
Carter	2.9	4.5	--	--	--	--	--	--	--	--	.3	--	--	--	.8	8.5
Fallon	2.1	4.0	--	2.4	--	--	--	--	--	--	--	.8	--	--	5.7	15.0
Rosebud	--	--	--	--	.4	--	--	--	--	--	--	--	--	2.0	--	2.4
Wibaux	6.0	--	--	--	--	4.5	--	--	--	--	--	--	--	2.0	13.8	26.3
Other	6.0	--	1.3	--	2.5	--	--	--	--	--	--	--	--	--	1.0	10.8
S. EASTERN	17.0	8.5	1.3	2.4	2.9	4.5	--	--	--	--	.3	.8	--	4.0	21.3	63.0
STATE	983.4	275.7	273.7	61.8	36.4	21.2	21.0	20.9	18.0	17.7	17.7	15.2	9.0	7.0	71.3	1,850.0

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1968 - 1972
1971 REVISED AND 1972 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1968	1969	1970	1971	1972	1971	1972
	Pct.	Pct.	Pct.	Pct.	Pct.	Revised	Preliminary
DURUM WHEAT							
Wells	71.8	50.0	49.2	50.3	48.6	84,500	60,700
Leeds	2.9	29.7	37.8	38.4	37.6	64,500	47,000
Hercules	--	--	--	.4	1.6	700	2,000
Mindum	.6	6.2	--	--	--	--	--
Langdon	11.3	6.1	1.2	4.8	--	8,100	--
Lakota	3.2	.6	.4	.3	--	500	--
Ramsey	1.5	1.6	.3	--	--	--	--
Stewart 63	7.4	2.5	4.4	.9	--	1,500	--
Other	1.3	3.3	6.7	4.9	12.2	8,200	15,300
TOTAL	100.0	100.0	100.0	100.0	100.0	168,000	125,000

DURUM WHEAT
SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1972

District & County	Wells	Leeds	Hercules	Other	Total
			Thousand Acres		
Pondera	2.2	5.9	--	--	8.1
Teton	5.8	--	--	--	5.8
Other	1.4	1.1	--	2.6	5.1
N. CENTRAL	9.4	7.0	--	2.6	19.0
Daniels	3.5	--	--	--	3.5
Dawson	--	2.5	--	--	2.5
McCone	--	4.5	--	--	4.5
Richland	.5	.4	--	.1	1.0
Roosevelt	3.1	1.4	1.7	4.8	11.0
Sheridan	42.7	31.2	--	.1	74.0
Valley	1.5	--	--	--	1.5
Other	--	--	--	--	--
N. EAST	51.3	40.0	1.7	5.0	98.0
All Other Counties	--	--	.3	7.7	8.0
STATE	60.7	47.0	2.0	15.3	125.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

The information for this report was obtained from a sample of growers who reported the acreages of the various varieties of wheat. The report was made possible by funds provided by the Montana Department of Agriculture and the Consumer and Marketing Service, U. S. Department of Agriculture under provisions of the Agricultural Marketing Act of 1946. The survey was conducted by the Statistical Reporting Service, USDA.

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WHEAT VARIETIES

1973

MONTANA CROP AND LIVESTOCK REPORTING SERVICE
P. O. Box 1726 - Helena, Montana 59601

Released: August 9, 1973

M O N T A N A

WINALTA RANKS NUMBER ONE: Winalta again ranks number one among Montana winter wheat growers in 1973. It has been the most popular variety since 1969. An estimated 1,009,000 acres were seeded to this winter-hardy variety, representing 46 percent of the total acreage. It is the leading variety in the northcentral, northeastern and southeastern districts.

The second spot is held by Cheyenne, being seeded on 651,000 acres or 30 percent of the winter wheat acreage. Cheyenne produces an excellent yield of flour in the mill. It is the most popular variety in the northwestern, central, southwestern, and southcentral districts.

These two varieties account for 75 percent of the winter wheat acreage. Other varieties accounting for over 1 percent are Warrior, Trapper, Winoka, Lancer, and Wanser. The Winoka variety, although a relatively small percentage of the total, showed a noticeable increase from last year.

FORTUNA LEADING HARD RED SPRING WHEAT VARIETY: For the fifth consecutive year Fortuna is the most popular hard red spring wheat variety. Of the total planted acreage 50 percent or 949,000 acres were seeded to Fortuna. It yields well and has fair milling and baking characteristics.

Manitou remains the second most popular variety, with 14 percent or 264,000 acres seeded. Close behind is Thatcher, seeded on 254,000 acres--13 percent of the total. These three varieties make up 77 percent of the total hard red spring wheat acreage. Three varieties, Red River 68, Waldren and World Seeds 1809, accounting for 8.7 percent of the hard red spring acreage, each showed noticeable increases from last year.

WELLS TOP DURUM VARIETY: Wells is again the most popular durum wheat variety in 1973. An estimated 99,000 acres or 54 percent of the total durum acreage, was seeded to Wells.

The number two spot is retained by the Leeds variety--seeded on 63,000 acres or 34 percent of the total. These two varieties comprise 88 percent of all durum acreage. Durum wheat is planted almost exclusively in the northeast district and predominantly in Sheridan County.

Statistical Reporting Service
U. S. DEPARTMENT OF AGRICULTURE

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MONTANA DEPARTMENT OF AGRICULTURE

WINTER WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS, AND SELECTED COUNTIES - MONTANA 1973

Dist. & Co.	Winalta	Cheyenne	Warrior	Trapper	Winoka	Lancer	Wanser	Mc Call	Itana	Froid	Gaines	Crest	Nugaines	Other	Total
	THOUSAND ACRES														
N. WESTERN	1.0	1.9	.4	.0	.0	.0	.0	.0	.0	.0	13.0	5.2	5.3	4.2	31.0
Blaine	60.6	5.3	.0	.0	.0	.0	.0	.0	.0	.9	1.0	.0	.0	1.2	69.0
Chouteau	108.5	213.4	12.9	49.9	25.8	4.7	9.7	.0	6.3	.0	.0	.0	.0	6.8	438.0
Glacier	15.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.0
Hill	206.8	61.2	10.4	5.4	7.3	.8	1.0	1.0	.0	1.1	.0	.0	.0	.0	295.0
Liberty	70.7	8.0	5.6	11.6	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	97.0
Phillips	24.1	.0	2.2	.0	.0	.0	.0	.0	.0	3.9	.0	.0	.0	.8	31.0
Pondera	35.4	33.4	7.9	2.8	18.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	98.0
Teton	13.5	29.5	6.3	17.0	6.7	.0	1.0	4.3	.0	.0	.0	.0	.0	4.7	83.0
Toole	22.8	.0	.0	8.7	2.6	.0	.0	.0	.0	.9	.0	.0	.0	.0	35.0
N. CENTRAL	557.4	350.8	45.3	95.4	62.0	5.5	11.7	5.3	6.3	6.8	1.0	.0	.0	13.5	1,161.0
Dawson	64.6	2.6	.0	.0	3.7	.0	.0	.0	.0	.0	.2	.0	.0	4.9	76.0
Garfield	28.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30.0
McCone	53.4	.0	.0	.0	1.2	.0	.0	.0	.0	1.4	.0	.0	.0	.0	56.0
Richland	38.6	7.2	.0	.0	3.8	.0	.0	.0	.0	3.8	.0	.0	.0	2.6	56.0
Valley	12.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	.0	.0	.0	.9	16.0
Other	9.8	.0	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0	.0	.3	13.0
N. EASTERN	207.3	10.9	.0	.0	8.7	.0	.0	.0	.0	11.2	.2	.0	.0	8.7	247.0
Cascade	47.5	44.9	14.5	.0	.7	1.4	8.1	.3	.4	.0	.0	.0	.0	1.2	119.0
Fergus	12.7	52.1	17.1	1.7	9.8	6.3	.0	.0	5.4	.0	.0	.0	.3	3.6	109.0
Judith Basin	18.9	10.5	5.8	.0	1.9	2.0	1.6	.0	.0	.0	.0	.0	.0	.3	41.0
Musselshell	9.9	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	15.0
Other	10.1	28.3	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	2.9	43.0
CENTRAL	99.1	139.3	37.4	1.7	14.1	9.7	9.7	.3	5.8	.0	.0	.0	.3	9.6	327.0
Gallatin	4.7	16.3	.0	.0	.6	.0	.0	.0	.0	.0	.6	9.1	1.9	9.8	43.0
Other	4.3	9.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	15.0
S. WESTERN	9.0	26.1	.0	.0	.6	.0	.0	.0	.0	.0	.6	9.1	1.9	10.7	58.0
Big Horn	6.9	20.0	12.4	.0	.0	18.3	5.3	.0	.0	.0	.0	.3	3.5	5.3	72.0
Carbon	.0	9.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	16.5
Stillwater	11.5	15.3	.0	.0	.0	.0	.0	6.8	3.5	.0	.3	.1	.0	1.0	38.5
Yellowstone	26.6	35.8	15.1	.0	.4	.0	.0	5.2	2.5	.0	.0	.0	.3	2.1	88.0
Other	4.1	13.3	3.3	.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	1.8	23.0
S. CENTRAL	49.1	93.8	30.8	.0	.4	18.3	5.3	12.5	6.0	.0	.3	.4	3.8	17.3	238.0
Carter	8.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0
Fallon	24.0	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.0
Powder River	15.3	9.8	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	26.0
Prairie	31.7	.0	6.4	.0	.0	.0	.0	.0	.0	.0	1.6	.0	.0	.3	40.0
Rosebud	.0	17.7	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.0
Other	6.0	.3	.0	.0	6.5	5.3	.0	.0	.0	.0	.0	.0	.0	1.2	14.0
S. EASTERN	85.7	27.8	6.4	.0	9.7	5.3	.0	.0	.0	.0	1.6	.0	.0	1.5	138.0
STATE	1,008.6	650.6	120.3	97.1	95.5	38.8	26.7	18.1	18.1	18.0	16.7	14.7	11.3	65.5	2,200.0

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1969-1973
1972 REVISED AND 1973 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1969	1970	1971	1972	1973	1972	1973
	Pct.	Pct.	Pct.	Pct.	Pct.	Revised	Preliminary
WINTER WHEAT							
Winalta	44.5	40.9	41.4	43.7	45.8	935,900	1,008,600
Cheyenne	33.9	35.5	32.8	33.5	29.6	718,800	650,600
Warrior	10.7	10.9	10.4	6.6	5.5	142,500	120,300
Trapper	--	.2	2.2	4.6	4.4	98,200	97,100
Winoka	--	*	.5	1.4	4.3	29,100	95,500
Lancer	2.6	2.4	3.0	1.4	1.8	29,500	38,800
Wanser	--	.1	.1	.9	1.2	20,400	26,700
Itana	1.5	1.1	1.2	.7	.8	14,600	18,100
McCall	--	--	.1	1.3	.8	27,100	18,100
Froid	--	.8	2.2	1.2	.8	26,500	18,000
Gaines	1.1	1.0	.9	.6	.8	12,800	16,700
Crest	*	*	.6	.7	.7	14,200	14,700
Nugaines	--	.6	.4	.5	.5	10,600	11,300
Other	5.7	6.5	4.2	2.9	3.0	62,800	65,500
TOTAL	100.0	100.0	100.0	100.0	100.0	2,143,000	2,200,000
SPRING WHEAT							
Fortuna	52.0	60.9	47.7	53.1	49.9	983,400	948,700
Manitou	1.4	7.1	15.2	14.9	13.9	275,700	263,500
Thatcher	21.9	15.9	16.2	14.8	13.4	273,700	253,800
Red River 68	.4	.6	1.4	1.1	4.5	21,200	85,300
Canthatch	5.3	2.3	2.1	3.3	2.4	61,800	44,900
Waldren	--	.2	1.2	.8	2.2	15,200	41,900
World Seeds 1809	--	--	.2	1.1	2.0	20,900	37,300
Chinook	4.6	2.5	1.1	1.1	1.4	21,000	26,900
Centana	2.6	2.7	3.4	2.0	1.3	36,400	24,900
Weathermaster 70	--	--	*	.4	1.0	6,900	19,600
Justin	.5	.5	.6	.4	.7	7,000	13,000
Ceres	2.7	2.2	4.1	1.0	.7	17,700	12,600
Bonanza	*	.1	.1	1.0	.7	17,700	12,400
World Seeds 1812	--	.7	2.3	1.0	.5	18,000	9,300
Other	8.6	4.3	4.4	4.0	5.4	73,400	105,900
TOTAL	100.0	100.0	100.0	100.0	100.0	1,850,000	1,900,000

HARD RED SPRING WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS, AND SELECTED COUNTIES - MONTANA 1973

Dist. & Co.	Fortuna	Manitou	Thatcher	Red River 68	Canthatch	Waldren	World Seeds 1809	Chinook	Centana	Weathermaster	Justin	Ceres	Bonanza	World Seeds 1812	Other	Total
							THOUSAND ACRES									
N. WESTERN	.7	--	1.9	--	--	--	--	--	.1	--	--	--	--	--	6.3	9.0
Blaine	26.6	--	1.5	--	--	--	--	--	.9	--	--	--	--	--	--	29.0
Chouteau	14.6	--	.6	--	--	--	.4	--	3.4	--	--	--	--	--	--	19.0
Glacier	43.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	43.0
Hill	141.7	3.6	11.2	--	--	--	--	--	2.4	1.0	--	4.7	--	--	2.4	167.0
Liberty	77.8	--	1.9	--	--	--	1.1	--	2.5	--	--	--	--	--	.7	84.0
Phillips	26.9	21.1	17.6	.8	--	--	--	--	7.0	--	--	.5	--	.1	--	74.0
Pondera	30.4	.6	--	--	--	--	--	--	--	--	--	--	1.6	1.2	.2	34.0
Teton	40.4	--	.5	--	--	1.1	--	--	--	--	--	--	--	--	--	42.0
Toole	88.9	9.2	1.9	--	--	--	--	--	--	2.0	--	--	--	--	--	102.0
N. CENTRAL	490.3	34.5	35.2	.8	--	1.1	1.5	--	16.2	3.0	--	5.2	1.6	1.3	3.3	594.0
Daniels	98.4	38.1	1.3	40.2	2.3	4.1	5.0	3.2	--	--	5.9	--	--	--	16.5	215.0
Dawson	2.3	--	10.9	--	3.0	8.4	5.6	--	--	--	2.6	--	.2	--	3.0	36.0
Garfield	1.9	--	6.5	--	--	--	--	--	2.6	--	--	--	--	--	--	11.0
McCone	7.5	29.1	35.4	1.7	9.1	--	--	8.8	--	16.6	--	--	--	--	5.8	114.0
Richland	0	20.6	16.9	--	7.4	.5	4.1	4.4	--	--	--	--	--	--	8.1	62.0
Roosevelt	81.5	74.8	58.8	8.6	20.4	6.2	2.4	9.2	--	--	1.7	--	--	--	14.4	278.0
Sheridan	22.1	52.2	--	20.9	2.0	13.3	17.1	1.3	--	--	--	--	--	--	17.1	146.0
Valley	155.5	9.7	77.1	.2	--	--	1.6	--	.3	--	--	--	--	8.0	.6	253.0
N. EASTERN	369.2	224.5	206.9	71.6	44.2	32.5	35.8	26.9	2.9	16.6	10.2	--	.2	8.0	65.5	1,115.0
Broadwater	8.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.0
Cascade	23.4	.1	--	--	--	--	--	--	.8	--	--	2.7	--	--	--	27.0
Fergus	10.5	--	.5	--	--	--	--	--	2.6	--	--	.5	--	--	3.9	18.0
Judith Basin	6.6	--	--	--	--	--	--	--	1.3	--	--	--	--	--	.1	8.0
Wheatland	2.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2.5
Other	2.0	--	--	--	--	--	--	--	.5	--	--	4.1	--	--	1.9	8.5
CENTRAL	53.0	.1	.5	--	--	--	--	--	5.2	--	--	7.3	--	--	5.9	72.0
Gallatin	5.0	--	--	--	--	--	--	--	--	--	--	--	1.3	--	1.2	7.5
Other	4.1	--	--	--	.7	--	--	--	.5	--	--	--	--	--	2.7	8.0
S. WESTERN	9.1	--	--	--	.7	--	--	--	.5	--	--	--	1.3	--	3.9	15.5
Yellowstone	--	.5	3.5	--	--	--	--	--	--	--	--	--	--	--	.1	4.1
Other	3.2	--	3.9	--	--	.8	--	--	--	--	--	--	1.0	--	1.5	10.4
S. CENTRAL	3.2	.5	7.4	--	--	.8	--	--	--	--	--	--	1.0	--	1.6	14.5
Carter	3.2	2.0	--	--	--	--	--	--	--	--	--	.1	--	--	2.7	8.0
Fallon	9.9	1.9	.8	--	--	.4	--	--	--	--	--	--	8.3	--	7.4	28.7
Rosebud	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--	2.8	4.0
Wibaux	5.3	--	--	12.9	--	7.1	--	--	--	--	2.8	--	--	--	3.4	31.5
Other	3.6	--	1.1	--	--	--	--	--	--	--	--	--	--	--	3.1	7.8
S. EASTERN	23.2	3.9	1.9	12.9	--	7.5	--	--	--	--	2.8	.1	8.3	--	19.4	80.0
STATE	948.7	263.5	253.8	85.3	44.9	41.9	37.3	26.9	24.9	19.6	13.0	12.6	12.4	9.3	105.9	1,900.0

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE - 1969-1973
1972 REVISED AND 1973 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1969	1970	1971	1972	1973	1972	1973
	Pct.	Pct.	Pct.	Pct.	Pct.	Revised	Preliminary
DURUM WHEAT							
Wells	50.0	49.2	50.3	48.6	53.7	66,600	99,400
Leeds	29.7	37.8	38.4	37.6	33.9	51,500	62,800
Hercules	--	--	.4	1.6	1.6	2,200	2,900
Stewart 63	2.5	4.4	.9	--	.5	--	1,000
Ward	--	--	--	--	.1	--	200
Lakota	.6	.4	.3	--	.1	--	100
Other	17.2	8.2	9.7	12.2	10.1	16,700	18,600
TOTAL	100.0	100.0	100.0	100.0	100.0	137,000	185,000

DURUM WHEAT
SEEDED ACREAGES BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1973

District & County	Wells	Leeds	Hercules	Other	Total
			Thousand Acres		
N. CENTRAL	.7	6.6	--	7.1	14.4
Daniels	4.8	--	--	--	4.8
McCone	--	5.2	--	--	5.2
Roosevelt	1.9	15.9	2.9	1.8	22.5
Sheridan	92.0	35.1	--	.6	127.7
Other	--	--	--	6.2	6.2
N. EAST	98.7	56.2	2.9	8.6	166.4
All Other Counties	--	--	--	4.2	4.2
STATE	99.4	62.8	2.9	19.9	185.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

The information for this report was obtained from a sample of growers who reported the acreages of various varieties of wheat. The report was made possible by funds provided by the Montana Department of Agriculture, the Montana Wheat Commission, and the Consumer and Marketing Service, U. S. Department of Agriculture under provisions of the Agricultural Marketing Act of 1946. The survey was conducted by the Statistical Reporting Service, USDA.

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MONTANA

WINALTA RETAINS NUMBER ONE RANKING: Winalta remains the number one choice winter wheat variety among Montana farmers in 1974. It has been the most popular variety since 1969. An estimated 1,059,700 acres were planted to this variety, which is early maturing and has outstanding milling and baking characteristics. Although total acreage is up, the percentage has dropped to 38.5 percent.

Cheyenne is the second most popular winter wheat variety, comprising 32.9 percent of the total acreage. An estimated 905,600 acres were seeded to Cheyenne, which was the number one variety in the central and southcentral districts.

Winoka continued its increase in popularity, totaling 189,200 acres or 6.9 percent of the winter wheat acreage. Other varieties over 1 percent are Warrior, Froid, Trapper, Lancer, Wanser, and Itana.

Centurk is a winter wheat variety recently developed in Nebraska, with an estimated 17,600 acres seeded in Montana to the 1974 crop. It is moderately early, with a medium-strong straw.

FORTUNA NUMBER ONE HARD RED SPRING WHEAT VARIETY: Fortuna is the leading hard red spring wheat variety in Montana in 1974. Of the total planted acreage, 54.2 percent or 1,084,200 acres were seeded to Fortuna.

Thatcher is second in importance, with 10 percent or 200,100 acres seeded. Manitou is a close third with 9.9 percent--199,000 acres. Era, a semi-dwarf variety accounts for 5.4 percent of the total hard red spring wheat acreage. Bounty 208 and Lark are two recent varieties showing significant acreages this year.

WELLS IS TOP DURUM VARIETY: Wells increased its lead in popularity this year, as 58.6 percent or 143,600 acres were seeded to this variety.

The second spot is retained by Leeds--seeded on 65,200 acres or 26.6 percent of the total. Hercules remains third with 11,300 acres. Wascana is a new variety appearing this year, with 6,400 acres. It was seeded primarily in the northcentral district.

These data are based upon a sample survey of grain producers who report varieties seeded. Variety data by county are based upon the percent of each variety reported. Data for minor varieties and minor counties are subject to more variation than major varieties and major counties.

Statistical Reporting Service
U. S. DEPARTMENT OF AGRICULTURE
and
MONTANA DEPARTMENT OF AGRICULTURE

WINTER WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS, AND SELECTED COUNTIES - MONTANA 1974

Dist. & Co.	Winalta	Cheyenne	Winoka	Warrier	Froid	Trapper	Lancer	Wanser	Itana	McCall	Gaines	Crest	Centurk	Other	Total
	THOUSAND ACRES														
N. WESTERN	2.2	5.1	-	-	-	-	-	-	-	-	15.9	4.8	-	9.0	37.0
Blaine	87.1	6.0	-	6.9	1.9	2.7	-	-	-	-	.5	-	-	1.9	107.0
Chouteau	88.4	270.9	46.7	26.1	-	24.3	18.1	7.3	.9	6.8	-	-	-	15.0	504.5
Hill	245.2	97.4	28.3	26.5	-	8.5	2.7	-	-	-	-	-	-	6.6	415.2
Liberty	26.0	36.0	1.2	-	4.6	6.7	-	-	-	-	-	-	-	-	74.5
Phillips	51.9	9.8	-	-	11.4	-	-	-	-	-	-	-	-	2.0	75.1
Pondera	44.6	20.7	17.2	5.6	-	-	-	-	-	-	-	-	-	2.0	90.1
Teton	16.6	59.8	-	1.8	-	4.5	-	1.8	-	9.0	-	-	2.2	9.2	104.9
Other	22.9	-	-	-	-	-	-	-	-	-	-	-	-	3.8	26.7
N. CENTRAL	582.7	500.6	93.4	66.9	17.9	46.7	20.8	9.1	.9	15.8	.5	-	2.2	40.5	1,398.0
Dawson	54.9	5.0	6.6	1.4	12.3	-	-	-	-	1.1	-	-	-	12.6	93.9
Garfield	22.9	13.2	-	-	-	-	-	-	-	-	-	-	-	-	36.1
McCone	87.7	-	3.2	-	13.9	-	-	-	-	-	-	-	-	1.5	106.3
Richland	23.5	10.9	.2	-	4.6	-	-	-	-	-	-	-	-	2.6	41.8
Roosevelt	26.1	-	-	-	3.3	-	-	-	-	-	-	-	1.6	.4	31.4
Valley	19.5	1.1	-	-	.7	-	-	-	-	-	-	-	-	4.3	25.6
Other	-	-	-	-	9.4	-	-	-	-	-	-	-	-	1.5	10.9
N. EASTERN	234.6	30.2	10.0	1.4	44.2	-	-	-	-	1.1	-	-	1.6	22.9	346.0
Cascade	48.3	70.1	-	16.6	-	-	4.6	1.4	-	-	-	-	-	.3	141.3
Fergus	26.2	56.5	18.8	15.9	-	2.6	.6	-	16.7	-	-	-	.8	9.4	147.5
Golden Valley	-	7.7	1.4	-	-	-	-	-	6.9	-	-	-	-	5.0	21.0
Judith Basin	20.2	20.0	-	7.1	-	4.8	-	-	-	-	-	-	-	-	52.1
Other	24.5	27.9	.6	1.5	-	.3	.1	-	.7	-	-	-	-	5.5	61.1
CENTRAL	119.2	182.2	20.8	41.1	-	7.7	5.3	1.4	24.3	-	-	-	.8	20.2	423.0
Gallatin	7.0	11.7	-	.6	-	-	-	-	-	-	.6	4.6	-	8.9	33.4
Other	2.6	16.2	-	-	-	-	-	-	-	-	3.8	.7	-	1.3	24.6
S. WESTERN	9.6	27.9	-	.6	-	-	-	-	-	-	4.4	5.3	-	10.2	58.0
Big Horn	1.7	20.9	13.2	6.7	-	-	-	22.6	-	-	-	-	1.1	.1	66.3
Park	9.5	8.8	-	2.7	-	-	-	-	-	-	-	-	-	-	21.0
Stillwater	13.9	39.8	-	16.5	-	-	-	-	-	-	-	9.6	10.4	-	90.2
Yellowstone	11.3	45.4	6.8	11.9	-	-	-	-	2.5	5.9	.1	-	1.5	1.9	87.3
Other	-	10.0	-	12.6	-	-	6.1	.6	-	.8	-	-	-	1.1	31.2
S. CENTRAL	36.4	124.9	20.0	50.4	-	-	6.1	23.2	2.5	6.7	.1	9.6	13.0	3.1	296.0
Carter	4.6	-	-	-	-	-	18.5	-	-	-	-	-	-	.4	23.5
Fallon	22.0	3.3	10.4	-	-	-	-	-	-	-	-	-	-	2.1	37.8
Powder River	2.4	10.7	17.5	-	-	-	-	-	-	-	-	-	-	-	30.6
Prairie	31.5	-	-	9.9	-	-	-	-	-	-	-	-	-	4.1	45.5
Rosebud	2.4	16.9	10.4	-	-	-	-	-	-	-	-	-	-	.2	29.9
Other	12.1	3.8	6.7	-	-	-	-	-	-	-	-	-	-	2.1	24.7
S. EASTERN	75.0	34.7	45.0	9.9	-	-	18.5	-	-	-	-	-	-	8.9	192.0
STATE	1,059.7	905.6	189.2	170.3	62.1	54.4	50.7	33.7	27.7	23.6	20.9	19.7	17.6	114.8	2,750.0

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1970-1974
1973 REVISED AND 1974 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1970	1971	1972	1973	1974	1973	1974
	Pct.	Pct.	Pct.	Pct.	Pct.	Revised	Preliminary
WINTER WHEAT							
Winalta	40.9	41.4	43.7	45.7	38.5	1,006,400	1,059,700
Cheyenne	35.5	32.8	33.5	29.6	32.9	650,600	905,600
Winoka	*	.5	1.4	4.3	6.9	97,100	189,200
Warrior	10.9	10.4	6.6	5.5	6.2	120,300	170,300
Froid	.8	2.2	1.2	.8	2.3	18,000	62,100
Trapper	.2	2.2	4.6	4.4	2.0	95,500	54,400
Lancer	2.4	3.0	1.4	1.8	1.8	38,800	50,700
Wanser	.1	.1	.9	1.2	1.2	26,700	33,700
Itana	1.1	1.2	.7	.8	1.0	18,100	27,700
McCall	--	.1	1.3	.8	.9	18,100	23,600
Gaines	1.0	.9	.6	.8	.8	16,700	20,900
Crest	*	.6	.7	.7	.7	14,700	19,700
Centurk	--	--	--	--	.6	--	17,600
Other	7.1	4.6	3.4	3.6	4.2	79,000	114,800
TOTAL	100.0	100.0	100.0	100.0	100.0	2,200,000	2,750,000
SPRING WHEAT							
Fortuna	60.9	47.7	53.1	50.0	54.2	925,000	1,084,200
thatcher	15.9	16.2	14.8	13.7	10.0	253,500	200,100
Manitou	7.1	15.2	14.9	14.1	9.9	261,500	199,000
Era	--	--	--	--	5.4	--	108,700
Canthatch	2.3	2.1	3.3	2.4	3.7	45,300	74,700
Red River 68	.6	1.4	1.1	4.5	2.7	83,500	53,100
Bonanza	.1	.1	1.0	.7	1.4	12,100	27,500
Bounty 208	--	--	--	--	1.4	--	27,000
Waldren	.2	1.2	.8	2.2	1.3	41,200	26,900
World Seeds 1809	--	.2	1.1	2.0	1.2	36,400	23,800
Chinook	2.5	1.1	1.1	1.5	1.0	27,700	20,100
Centana	2.7	3.4	2.0	1.3	.8	24,300	15,600
Lark	--	--	--	--	.8	--	15,300
World Seeds 1812	.7	2.3	1.0	.5	.7	9,100	13,100
Other	7.0	9.1	5.8	7.1	5.5	130,400	110,900
TOTAL	100.0	100.0	100.0	100.0	100.0	1,850,000	2,000,000

* Less than .1 percent of total seeded acreage.

HARD RED SPRING WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS, AND SELECTED COUNTIES - MONTANA 1974

Dist. & Co.	Fortuna	Thatcher	Manitou	Era	Canthatch	Red River 68	Bonanza	Bounty 28	Waldren	World Seeds 1809	Chinook	Centana	Lark	World Seeds 1812	Other	Total
							THOUSAND ACRES									
N. WESTERN	4.0	3.4	--	--	--	--	5.2	--	--	--	--	5.7	--	--	10.7	29.0
Blaine	36.9	2.6	1.3	--	--	--	--	--	--	--	--	--	--	--	1.0	41.8
Chouteau	24.6	--	--	--	--	--	--	--	--	--	3.4	.9	--	--	1.5	30.4
Glacier	58.0	--	--	6.4	--	--	--	--	--	--	--	--	--	--	4.1	68.5
Hill	65.2	4.2	1.9	.1	--	--	4.5	--	--	2.0	--	1.5	--	--	--	79.4
Liberty	79.9	3.4	--	.9	--	--	2.0	--	--	4.2	--	--	--	3.3	1.4	95.1
Phillips	22.6	20.1	24.0	1.2	--	--	--	--	--	--	1.6	4.5	--	--	--	74.0
Pondera	33.3	--	1.4	1.0	--	--	--	--	--	--	--	--	--	.8	.3	36.8
Teton	38.8	--	--	.2	--	--	--	--	--	--	--	--	--	--	--	39.0
Toole	199.6	1.7	--	--	--	--	--	--	--	--	--	--	--	--	.7	202.0
N. CENTRAL	558.9	32.0	28.6	9.8	--	--	6.5	--	--	6.2	5.0	6.9	--	4.1	9.0	667.0
Daniels	85.3	--	9.0	51.2	6.7	19.0	--	--	--	.9	3.8	--	--	--	28.8	204.7
Dawson	3.5	5.5	13.7	6.6	20.5	--	--	--	1.7	1.2	--	--	--	--	6.7	59.4
Garfield	5.0	8.8	--	--	--	--	--	--	--	--	--	--	--	2.6	5.2	21.6
McCone	2.3	19.8	10.9	4.4	6.7	--	--	10.6	2.1	--	8.6	--	--	--	4.8	70.2
Richland	16.9	8.9	36.1	4.7	16.5	--	--	2.7	--	6.4	--	--	12.8	--	8.0	113.0
Roosevelt	83.7	46.9	41.6	9.1	24.3	2.3	--	13.0	8.6	4.7	2.1	--	2.2	3.3	1.8	243.6
Sheridan	19.6	6.2	44.2	3.0	--	22.7	--	--	3.0	1.9	--	--	.3	1.6	3.9	106.4
Valley	183.5	49.8	8.3	.8	--	--	--	--	--	2.5	--	.2	--	--	2.0	247.1
N. EASTERN	399.8	145.9	163.8	79.8	74.7	44.0	--	26.3	15.4	17.6	14.5	.2	15.3	7.5	61.2	1,066.0
Fergus	19.5	--	--	--	--	--	--	--	--	--	--	--	--	--	.3	19.8
Judith Basin	18.4	--	--	.1	--	--	--	--	--	--	--	1.2	--	--	2.3	22.0
Other	23.2	--	--	--	--	--	--	--	--	--	--	.4	--	--	.6	24.2
CENTRAL	61.1	--	--	.1	--	--	--	--	--	--	--	1.6	--	--	3.2	66.0
S. WESTERN	7.3	3.2	--	--	--	--	--	--	--	--	--	--	--	--	1.5	12.0
S. CENTRAL	1.3	10.8	.8	.8	--	--	3.4	--	--	--	--	.4	--	1.5	--	19.0
Fallon	33.1	1.1	3.6	--	--	--	12.4	--	2.3	--	--	--	--	--	10.2	62.7
Wibaux	4.2	--	--	17.8	--	9.1	--	--	9.2	--	--	--	--	--	9.6	49.9
Other	14.5	3.7	2.2	.4	--	--	--	.7	--	--	.6	.8	--	--	5.5	28.4
S. EASTERN	51.8	4.8	5.8	18.2	--	9.1	12.4	.7	11.5	--	.6	.8	--	--	25.3	141.0
STATE	1,084.2	200.1	199.0	108.7	74.7	53.1	27.5	27.0	26.9	23.8	20.1	15.6	15.3	13.1	110.9	2,000.0

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE - 1970-1974
1973 REVISED AND 1974 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1970	1971	1972	1973	1974	1973	1974
	Pct.	Pct.	Pct.	Pct.	Pct.	Revised	Preliminary
DURUM WHEAT							
Wells	49.2	50.3	48.6	53.7	58.6	99,400	143,600
Leeds	37.8	38.4	37.6	33.9	26.6	62,800	65,200
Hercules	--	.4	1.6	1.6	4.6	2,900	11,300
Wascana	--	--	--	--	2.6	--	6,400
Ward	--	--	--	.1	2.0	200	4,900
Stewart 63	4.4	.9	--	.5	1.7	1,000	4,200
Other	8.6	10.0	12.2	10.2	3.9	18,700	9,400
TOTAL	100.0	100.0	100.0	100.0	100.0	185,000	245,000

DURUM WHEAT
SEEDED ACREAGES BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1974

District & County	Wells	Leeds	Hercules	Wascana	Other	Total
	Thousand Acres					
N. CENTRAL	11.7	11.0	--	4.4	3.4	30.5
Daniels	3.0	1.0	--	--	3.7	7.7
McCone	--	7.5	--	--	.4	7.9
Roosevelt	7.8	6.8	--	--	--	14.6
Sheridan	115.8	37.9	11.1	1.4	5.1	171.3
Other	2.3	.3	.1	.1	4.9	7.7
N. EAST	128.9	53.5	11.2	1.5	14.1	209.2
All Other Counties	2.9	.7	.2	.5	1.0	5.3
STATE	143.5	65.2	11.4	6.4	18.5	245.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

The information for this report was obtained from a sample of growers who reported the acreages of various varieties of wheat. The report was made possible by funds provided by the Montana Department of Agriculture, the Montana Wheat Commission, and the Consumer and Marketing Service, U. S. Department of Agriculture under provisions of the Agricultural Marketing Act of 1946. The survey was conducted by the Statistical Reporting Service, USDA.

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Statistical Reporting Service--USDA

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Montana Department of Agriculture

UNITED STATES DEPARTMENT OF AGRICULTURE
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MONTANA WHEAT AND BARLEY STOCKS IN ALL POSITIONS BY DISTRICT 1/
July 1, 1974 and October 1, 1974

WHEAT

DISTRICT	July 1, 1974	October 1, 1974
	- - - Million bushels - - -	
Northwest	.1	1.4
Northcentral	5.3	47.5
Northeast	10.4	34.3
Central	1.1	11.0
Southwest	.2	2.1
Southcentral	.5	9.0
Southeast	.7	7.2
STATE	18.3	112.5

BARLEY

DISTRICT	July 1, 1974	October 1, 1974
	- - - Million bushels - - -	
Northwest	.2	1.9
Northcentral	7.0	17.5
Northeast	6.1	9.9
Central	2.9	5.1
Southwest	.6	1.7
Southcentral	.7	2.8
Southeast	.3	2.5
STATE	17.8	41.4

1/ These district estimates of wheat and barley stocks are made possible through funds provided by the Montana Wheat Research & Marketing Committee.

The sample size for farm stocks in the relatively less important wheat and barley-producing districts may be comparatively smaller. The breakdown by district may therefore be less accurate than the State total. The October commercial stocks component includes estimates for late-reporting firms.

Daniel L. Herbert,
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Loren D. Nordhausen,
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Released: July 31, 1975

MONTANA

WINALTA TOP WINTER WHEAT VARIETY: Montana growers still prefer Winalta over all other winter wheat varieties. This is the seventh straight year that this moderately winterhardy, Canadian developed variety has been the number one choice. Farmers planted 1,055,000 acres of Winalta this year--34 percent of the total 1975 winter wheat acres planted. Winalta is known for its outstanding milling and baking qualities.

Cheyenne is a close second choice of Montana winter wheat growers--increasing its percentage of total this year to 33.7 percent. Acres planted to Cheyenne which produce a strong gluten flour are estimated at 1,045,600 acres.

Winoka which is a moderately winterhardy, medium height variety originating in South Dakota remains in third place. An estimated 233,600 acres--7.5 percent of the total--was planted to Winoka this year.

Warrior is again fourth, comprising 5.8 percent of the total planted winter wheat acres. Developed in Nebraska, this bearded, white-chaffed variety is slightly superior to Cheyenne in winter hardiness but is susceptible to stem and leaf rust. Growers planted 179,800 acres of Warrior this year.

FORTUNA REMAINS TOP SPRING WHEAT VARIETY: Fortuna was still a heavy favorite over all other spring wheat varieties even though its percentage of total dropped from 54.2 last year to 48.4 in 1975. An estimated 798,600 acres of Fortuna, an early maturing low protein variety, was planted this year.

Thatcher remained second, with 148,000 acres or 9.0 percent of the total acres of spring wheat planted in 1975. Olaf came out of nowhere to take third with 8.0 percent or 131,600 acres planted. Era held fourth with 5.6 percent of the total planted.

Two recently developed varieties--Norana and Tioga--showed up in the top 11 varieties this year.

DURUM GROWERS LIKE WELLS: Wells led all durum wheat varieties again, with 134,600 acres or 39.6 percent of the total planted this year. Wascana which first showed up in 1974 leaped to second place, with 16.2 percent or 55,200 acres seeded. Ward moved to third, with 48,100 acres planted. Rolette showed up for the first time this year and placed fourth, with 47,100 acres.

These data are based upon a sample survey of grain producers who report varieties seeded. Variety data by county are based upon the percent of each variety reported. Data for minor varieties and minor counties are subject to more variation than major varieties and major counties.

Statistical Reporting Service
U. S. DEPARTMENT OF AGRICULTURE

and

MONTANA DEPARTMENT OF AGRICULTURE

WINTER WHEAT

SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1975

Dist. & Co.	Win-alta	Chey-enne	Win-oka	War-rier	Trap-per	Cen-turk	Sun dance	Lan-cer	Froid	Teton	Wan-ser	Nu-Gaines	Yogo	Other & unknown	Total
							THOUSAND ACRES								
N. WESTERN	2.0	1.3	--	--	--	--	1.4	--	--	--	--	11.9	--	19.4	36.0
Blaine	56.4	43.3	--	--	--	--	--	--	--	--	--	--	--	--	99.7
Chouteau	73.7	341.7	28.6	22.0	14.1	18.3	--	14.6	--	10.4	7.6	--	--	7.6	538.6
Hill	297.2	66.9	4.2	33.8	36.5	--	--	--	.2	--	--	--	--	.1	438.9
Liberty	60.5	41.2	8.2	--	26.9	11.5	--	--	1.3	--	--	--	--	--	149.6
Phillips	42.3	--	--	--	--	--	--	--	6.0	--	--	--	--	1.6	49.9
Pondera	30.5	65.2	45.7	.3	10.0	6.6	--	--	--	--	--	.1	--	1.2	159.6
Teton	11.6	76.2	.7	8.7	21.0	1.0	--	--	--	8.6	.3	--	11.8	1.7	141.6
Other	55.1	--	39.2	--	--	--	11.6	--	--	--	--	--	--	--	105.9
N. CENTRAL	627.3	634.5	126.6	64.8	108.5	37.4	11.6	14.6	7.5	19.0	7.9	.1	11.8	12.2	1,683.8
Dawson	52.3	9.2	23.5	4.8	.2	.6	--	--	--	--	--	--	--	15.6	106.2
Garfield	8.5	8.5	11.1	--	--	3.1	--	--	--	--	--	--	--	1.1	32.3
McCone	101.8	6.2	--	--	--	2.8	--	--	--	--	--	--	--	.1	110.9
Richland	42.4	--	4.6	--	--	--	--	--	6.6	--	--	--	--	--	53.6
Roosevelt	32.5	4.5	--	--	--	1.9	11.0	--	--	--	--	--	--	--	49.9
Valley	13.7	--	--	--	--	--	--	--	7.6	--	--	--	--	7.8	29.1
Other	--	--	--	--	--	--	--	--	10.8	--	--	--	--	--	10.8
N. EASTERN	251.2	28.4	39.2	4.8	.2	8.4	11.0	--	25.0	--	--	--	--	24.6	392.8
Cascade	34.3	35.5	1.6	11.7	--	28.7	--	4.8	--	--	9.7	--	--	.7	127.0
Fergus	7.6	43.1	48.1	33.3	--	1.2	19.4	--	4.5	--	--	--	--	5.1	162.3
Golden Valley	--	25.8	--	--	--	--	--	--	--	--	--	--	--	--	25.8
Judith Basin	5.7	30.6	--	13.1	--	1.7	--	10.6	--	--	--	--	--	.4	62.1
Other	9.8	20.7	--	--	--	5.5	--	--	--	--	--	--	--	25.6	61.6
CENTRAL	57.4	155.7	49.7	58.1	--	37.1	19.4	15.4	4.5	--	9.7	--	--	31.8	438.8
Gallatin	9.0	15.5	.1	--	--	.8	--	--	--	--	--	2.1	--	6.5	34.0
Other	--	--	--	--	--	--	--	--	--	--	--	--	--	21.1	21.1
S. WESTERN	9.0	15.5	.1	--	--	.8	--	--	--	--	--	2.1	--	27.6	55.1
Big Horn	1.6	59.8	--	--	--	2.1	--	--	--	--	--	--	--	4.7	68.2
Park	3.7	16.8	--	5.3	--	--	--	--	--	--	--	--	--	1.5	27.3
Stillwater	31.8	19.1	--	--	--	--	9.6	11.4	--	--	--	--	--	17.3	89.2
Yellowstone	16.9	51.2	8.0	3.0	--	2.9	--	--	--	--	--	--	--	5.7	87.7
Other	--	24.8	--	--	--	--	--	--	--	--	--	--	--	4.7	29.5
S. CENTRAL	54.0	171.7	8.0	8.3	--	5.0	9.6	11.4	--	--	--	--	--	33.9	301.9
Carter	6.0	.5	--	--	--	16.6	--	--	--	--	--	--	--	1.6	24.7
Fallon	35.8	.9	1.7	--	--	2.8	--	--	--	--	--	--	--	.3	41.5
Powder River	--	--	--	--	--	--	--	--	--	--	--	--	--	22.5	22.5
Prairie	--	5.7	--	43.8	--	--	--	--	--	--	--	--	--	--	49.5
Rosebud	--	31.4	--	--	--	--	--	--	--	--	--	--	--	--	31.4
Other	12.3	--	8.3	--	--	--	--	--	--	--	--	--	--	1.4	22.0
S. EASTERN	54.1	38.5	10.0	43.8	--	19.4	--	--	--	--	--	--	--	25.8	191.6
STATE	1,055.0	1045.6	233.6	179.8	108.7	108.1	53.0	41.4	37.0	19.0	17.6	14.1	11.8	175.3	3,100.0

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1971-1975
1974 REVISED AND 1975 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1971	1972	1973	1974	1975	1974	1975
	Pct.	Pct.	Pct.	Pct.	Pct.	Revised	Preliminary
WINTER WHEAT							
Winalta	41.4	43.7	45.7	38.5	34.0	1,058,700	1,055,000
Cheyenne	32.8	33.5	29.6	32.9	33.7	904,700	1,045,600
Winoka	.5	1.4	4.3	6.9	7.5	189,800	233,600
Warrior	10.4	6.6	5.5	6.2	5.8	170,500	179,800
Trapper	2.2	4.6	4.4	2.0	3.5	55,000	108,700
Centurk	--	--	--	.6	3.5	16,500	108,100
Sundance	--	--	--	.2	1.7	5,500	53,000
Lancer	3.0	1.4	1.8	1.8	1.3	49,500	41,400
Froid	2.2	1.2	.8	2.3	1.2	63,300	37,000
Teton	--	--	--	.4	.6	11,000	19,000
Wanser	.1	.9	1.2	1.2	.6	33,000	17,600
Nugaines	.4	.5	.5	.2	.5	5,500	14,100
Yogo	.3	.2	*	*	.4	--	11,800
Other	6.7	6.0	6.2	6.8	5.7	187,000	175,300
TOTAL	100.0	100.0	100.0	100.0	100.0	2,750,000	3,100,000
SPRING WHEAT OTHER THAN DURUM							
Fortuna	47.7	53.1	50.0	54.2	48.4	1,084,000	798,600
Thatcher	16.2	14.8	13.7	10.0	9.0	200,000	148,000
Olaf	--	--	--	.4	8.0	8,000	131,600
Era	--	--	--	5.4	5.6	108,000	93,000
Manitou	15.2	14.9	14.1	9.9	4.7	198,000	78,300
Red River 68	1.4	1.1	4.5	2.7	4.3	54,000	70,900
Waldren	1.2	.8	2.2	1.3	4.3	26,000	70,300
Norana	--	--	--	.5	2.5	10,000	40,600
Canthatch	2.1	3.3	2.4	3.7	1.7	74,000	28,000
World Series 1809	.2	1.1	2.0	1.2	1.7	24,000	27,400
Tioga	--	--	--	.1	.9	2,000	15,400
Bounty 208	--	--	--	1.4	.9	28,000	15,300
Neepawa	.4	.5	.4	*	.8	--	13,100
Shortana	--	*	.1	.3	.7	6,000	12,000
Other	15.6	10.4	10.6	8.9	6.5	178,000	107,500
TOTAL	100.0	100.0	100.0	100.0	100.0	2,000,000	1,650,000

* Less than .1 percent of total seeded acreage.

SPRING WHEAT OTHER THAN DURUM
SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1975

Dist. & Co.	Fortuna	Thatcher	Olaf	Era	Manitou	Red River 68	Waldren	Norana	Canthatch	World Seeds 1809	Tioga	Bounty 208	Neepawa	Shortana a	Other and unknown	Total
								THOUSAND ACRES								
N. WESTERN	.2	1.1	--	.1	--	--	--	4.9	--	--	--	--	--	5.2	9.8	21.3
Blaine	41.6	--	.8	1.2	--	--	--	1.6	--	--	--	--	--	--	.8	46.0
Chouteau	10.0	--	--	--	--	--	--	--	--	--	--	--	--	--	1.9	11.9
Glacier	51.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	51.0
Hill	73.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	73.5
Liberty	53.6	--	--	--	--	--	--	2.2	--	--	--	--	--	--	--	55.8
Phillips	16.9	9.5	21.5	5.0	15.6	--	--	.3	--	--	.9	--	--	--	5.7	75.4
Pondera	10.4	--	--	2.7	--	--	--	1.0	--	.6	--	--	--	--	3.2	17.9
ton	10.3	--	--	--	--	--	--	.3	--	--	--	--	--	--	--	10.6
ole	116.3	--	--	4.2	--	--	--	6.4	--	--	.5	--	--	--	--	127.4
N. CENTRAL	383.6	9.5	22.3	13.1	15.6	--	--	11.8	--	.6	1.4	--	--	--	11.6	469.5
Daniels	60.9	--	.6	14.8	--	41.6	21.3	5.8	11.4	10.8	3.7	--	--	--	.8	171.7
Dawson	--	1.6	24.9	1.3	--	--	7.5	--	.3	--	--	--	--	--	12.4	48.0
Garfield	30.5	--	2.8	--	--	--	--	--	--	--	--	--	--	--	--	33.3
McCone	17.9	18.1	11.2	5.3	14.9	--	--	.6	3.6	--	--	5.8	--	--	2.7	80.1
Richland	--	32.0	15.3	12.9	--	--	--	2.2	5.7	6.7	--	--	--	--	8.7	83.5
Roosevelt	46.3	45.5	25.6	32.2	23.7	9.1	8.7	6.0	--	--	3.7	1.5	13.1	--	3.0	218.4
Sheridan	13.6	--	.9	8.6	17.4	16.2	3.7	--	7.0	3.7	.4	2.8	--	--	2.1	76.4
Valley	174.3	39.0	1.0	4.7	5.8	--	--	2.5	--	5.6	5.8	5.2	--	--	1.8	245.7
N. EASTERN	343.5	136.2	82.3	79.8	61.8	66.9	41.2	17.1	28.0	26.8	13.6	15.3	13.1	--	31.5	957.1
Cascade	12.5	--	--	--	--	--	--	.2	--	--	.4	--	--	--	.4	13.5
Judith Basin	18.5	--	--	--	--	--	--	1.7	--	--	--	--	--	--	--	20.2
Other	4.8	--	--	--	--	--	--	2.8	--	--	--	--	--	5.9	9.8	23.3
ENTRAL	35.8	--	--	--	--	--	--	4.7	--	--	.4	--	--	5.9	10.2	57.0
S. WESTERN	4.3	--	--	--	--	--	--	--	--	--	--	--	--	.9	6.2	11.4
S. CENTRAL	6.6	1.2	--	--	--	--	--	--	--	--	--	--	--	--	4.8	12.6
Fallon	16.7	--	--	--	--	--	16.9	--	--	--	--	--	--	--	10.9	44.5
Wibaux	--	--	23.5	--	--	4.0	12.2	--	--	--	--	--	--	--	10.7	50.4
Other	7.9	--	3.5	--	.9	--	--	2.1	--	--	--	--	--	--	11.8	26.2
S. EASTERN	24.6	--	27.0	--	.9	4.0	29.1	2.1	--	--	--	--	--	--	33.4	121.1
STATE	798.6	148.0	131.6	93.0	78.3	70.9	70.3	40.6	28.0	27.4	15.4	15.3	13.1	12.0	107.5	1,650.0

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE - 1971-1975
1974 REVISED AND 1975 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1971	1972	1973	1974	1975	1974	1975
	Pct.	Pct.	Pct.	Pct.	Pct.	Revised	Preliminary
DURUM WHEAT							
Wells	50.3	48.6	53.7	58.6	39.6	158,200	134,600
Wascana	--	--	--	2.6	16.2	7,000	55,200
Ward	--	--	.1	2.0	14.1	5,400	48,100
Rolette	--	--	--	--	13.9	--	47,100
Leeds	38.4	37.6	33.9	26.6	8.9	71,800	30,400
Hercules	.4	1.6	1.6	4.6	1.9	12,400	6,500
Other	10.9	12.2	10.7	5.6	5.4	15,200	18,100
TOTAL	100.0	100.0	100.0	100.0	100.0	270,000	340,000

DURUM WHEAT
SEEDED ACREAGES BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1975

District & County	Wells	Wascana	Ward	Rolette	Other	Total
			Thousand Acres			
N. CENTRAL	4.0	15.3	1.2	--	17.4	37.9
Daniels	11.9	--	--	--	--	11.9
McCone	--	--	6.4	--	--	6.4
Roosevelt	1.3	4.3	3.1	28.7	--	37.4
Sheridan	113.5	30.9	34.2	15.5	32.9	227.0
Other	3.9	4.7	.6	2.9	.6	12.7
N. EAST	130.6	39.9	44.3	47.1	33.5	295.4
All Other Counties	--	--	2.6	--	4.1	6.7
STATE	134.6	55.2	48.1	47.1	55.0	340.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

The information for this report was obtained from a sample of growers who reported the acreages of various varieties of wheat. The report was made possible by funds provided by the Montana Wheat Research and Marketing Committee and the Montana Department of Agriculture. The survey was conducted by the Statistical Reporting Service, USDA.

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UNITED STATES DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE
AGRICULTURAL STATISTICIAN
P. O. BOX 1726
HELENA, MONTANA 59601

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WHEAT VARIETIES

1976

MONTANA
CROP & LIVESTOCK
REPORTING SERVICE

Statistical Reporting Service--USDA
Montana Department of Agriculture

P.O. Box 1726 - Helena, Montana

...ed: July 28, 1976

MONTANA

WINALTA REMAINS FAVORITE WINTER WHEAT VARIETY: For the eighth straight year, Montana growers have shown a higher preference for Winalta over other winter wheat varieties. An estimated 35.3 percent or 1,131,000 of the total winter wheat acres were planted to Winalta in 1976. Developed in Canada, Winalta is moderately winterhardy and possesses outstanding milling and baking qualities.

Cheyenne dropped in popularity from last year but managed to retain second among the winter wheat varieties. Farmers planted 959,900 acres of Cheyenne, which is 30.0 percent of the total. Originating in Nebraska and released in 1922, Cheyenne is a mid-tall weak-strawed, bearded winter wheat, with a fair level of winterhardiness.

Centurk rose to third place in 1976. A relatively new variety which was also developed in Nebraska, Centurk acres totaled 383,400--12 percent of the total. Moderately winterhardy, Centurk shows good stem and leaf rust resistance and has excellent milling and baking traits.

Warrior held its fourth place position, accounting for 6.1 percent of the total acres. Growers planted 194,900 acres of this mid-tall, stiff-strawed variety. Warrior is moderately resistant to lodging and shattering.

FORTUNA STILL MOST POPULAR SPRING WHEAT VARIETY: Fortuna is still the leading hard red spring wheat variety in Montana. Farmers planted 731,200 acres of Fortuna which accounts for 35.2 percent of the total. This beardless variety is high yielding with satisfactory milling qualities.

Olaf replaced Thatcher for second place in 1976, with 541,400 acres or 26.0 percent of the total planted. Norana took third place, with 8.2 percent or 171,200 acres planted. Thatcher dropped to fourth, with 8.1 percent or 168,200 acres seeded.

WELLS IS STRONG DURUM FAVORITE: Wells continued its dominance of durum wheat varieties, with 115,200 acres or 38.4 percent of the total planted in 1976. Ward moved up to second, with 48,100 acres or 16.0 percent of the total. Leeds was third, with 42,400 acres planted. Rolette remained fourth, with 25,100 acres.

These data are based upon a sample survey of grain producers who report varieties seeded. Variety data by county are based upon the percent of each variety reported. Data for minor varieties and minor counties are subject to more variation than major varieties and major counties.

Daniel L. Herbert,
Statistician-in-Charge

Rick Itami,
Agr. Statistician

WINTER WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1976

Dist & Co.	Winalta	Cheyenne	Centurk	Warrior	Win-Oka	Sundance	Trapper	Froid	Hiplains	Nugains	Teton	Lancer	Wanser	Crest	Other & Unknown	Total
								Thousand Acres								
N. WEST	.3	.9	.2	--	--	1.3	--	--	--	20.4	--	--	--	2.6	16.3	42.0
Blaine	66.6	34.0	.5	--	--	7.9	--	3.1	--	--	--	--	--	--	--	112.1
Chouteau	53.7	302.8	76.9	59.7	12.6	--	--	--	--	--	22.3	--	10.8	1.1	12.4	552.3
Hill	235.6	85.3	16.2	19.4	14.3	7.7	35.4	--	--	--	--	--	--	--	--	413.9
Liberty	65.5	19.1	42.4	--	3.4	--	4.2	--	--	--	--	--	1.6	--	--	136.2
Phillips	54.0	--	--	--	10.0	--	--	4.1	--	--	--	--	--	--	2.5	70.6
Pondera	63.2	19.6	15.7	8.6	36.6	4.5	5.2	--	--	--	--	--	--	--	6.0	159.4
Teton	30.7	47.1	14.6	8.8	1.8	4.2	24.5	--	--	--	--	--	.7	--	1.9	134.3
Toole	81.3	18.9	--	--	--	2.9	7.9	--	--	--	--	--	--	--	--	111.0
Other	--	--	15.2	--	--	--	--	--	--	--	--	--	--	--	--	15.2
N. CENTRAL	650.6	526.8	181.5	96.5	78.7	27.2	77.2	7.2	--	--	22.3	--	13.1	1.1	22.8	1,705.0
Dawson	53.9	16.2	30.1	--	3.8	--	.2	--	3.8	--	--	--	--	--	2.8	110.8
Garfield	21.1	3.0	11.0	--	--	--	--	--	2.7	--	--	--	--	--	1.5	39.3
McCone	101.1	--	--	--	--	11.0	--	--	--	--	--	--	--	--	1.6	113.7
Richland	37.4	--	6.1	--	1.2	--	--	--	12.4	--	--	--	--	--	4.0	61.1
Roosevelt	14.7	--	--	--	2.2	4.9	--	--	--	--	--	--	--	--	2.0	23.8
Valley	15.5	3.4	--	--	--	--	--	1.6	--	--	--	--	--	--	5.4	25.9
Other	--	--	--	--	--	--	--	11.4	--	--	--	--	--	--	--	11.4
N. EAST	243.7	22.6	47.2	--	7.2	15.9	.2	13.0	18.9	--	--	--	--	--	17.3	386.0
Cascade	58.8	38.4	7.0	27.5	--	--	--	--	--	--	--	5.8	--	--	1.1	138.6
Fergus	14.8	56.4	51.7	--	--	27.4	--	6.9	--	--	--	11.9	.9	--	12.4	182.4
Golden Valley	--	18.8	--	--	--	--	--	--	--	--	--	--	--	--	--	18.8
Judith Basin	13.8	20.9	15.8	--	11.3	--	.7	--	--	--	--	--	--	--	--	62.5
Musselshell	4.6	20.1	--	--	.3	--	--	--	--	--	--	--	--	--	--	25.0
Wheatland	--	1.6	4.1	--	--	--	--	--	--	--	--	--	--	--	7.8	13.5
Other	12.1	2.8	.1	5.2	.4	--	--	--	--	.1	--	--	--	--	10.5	31.2
CENTRAL	104.1	159.0	78.7	32.7	12.0	27.4	.7	6.9	--	.1	--	17.7	.9	--	31.8	472.0
Gallatin	14.4	10.0	8.8	--	--	--	--	--	--	2.1	--	--	--	.8	1.6	37.7
Other	7.2	14.3	2.6	--	--	--	--	--	--	--	--	--	--	--	.2	24.3
S. WEST	21.6	24.3	11.4	--	--	--	--	--	--	2.1	--	--	--	.8	1.8	62.0
Big Horn	--	16.5	--	45.5	--	--	--	--	--	--	--	.5	--	--	7.6	70.1
Carbon	--	17.5	--	--	--	--	--	--	--	--	--	--	--	--	1.3	18.8
Park	4.3	20.7	--	3.2	--	--	--	--	--	--	--	--	--	--	--	28.2
Stillwater	3.9	40.1	36.3	--	--	10.0	--	--	--	--	--	--	--	6.8	1.2	98.3
Yellowstone	23.7	51.1	2.0	.3	.4	--	--	--	--	--	--	--	--	--	10.4	87.9
Other	--	7.9	--	5.8	--	--	--	--	--	--	--	--	--	--	--	13.7
S. CENTRAL	31.9	153.8	38.3	54.8	.4	10.0	--	--	--	--	--	.5	--	6.8	20.5	317.0
Carter	10.0	--	4.0	--	3.4	--	--	--	--	--	--	--	--	--	4.0	21.4
Fallon	30.3	--	6.7	--	--	--	--	--	6.0	--	--	--	--	--	--	43.0
Powder River	17.0	23.1	1.1	--	--	--	--	--	--	--	--	--	--	--	1.8	43.0
Prairie	18.7	--	11.8	10.9	9.2	--	--	--	--	--	--	--	--	--	--	50.6
Rosebud	--	35.4	--	--	--	--	--	--	--	--	--	--	--	--	--	35.4
Other	2.8	14.0	2.5	--	.6	--	--	--	--	--	--	--	--	--	2.7	22.6
S. EAST	78.8	72.5	26.1	10.9	13.2	--	--	--	6.0	--	--	--	--	--	8.5	216.0
STATE	1,131.0	959.9	383.4	194.9	111.5	81.8	78.1	27.1	24.9	22.6	22.3	18.2	14.0	11.3	119.0	3,200.0

SPRING WHEAT (EXCLUDING DURUM)
SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1976

District & County	Fortuna	Olaf	Norana	Thatcher	Tioga	Waldren	Red River 68	Manitou	Era	Prodax	Wared	Centana	Bounty 208	Other and Unknown	Total
							Thousand Acres								
N. WEST	1.2	--	5.3	.2	--	--	--	--	--	.7	--	1.4	--	3.2	12.0
Blaine	14.3	10.7	1.7	--	12.3	--	--	--	--	4.6	--	5.5	--	4.5	53.6
Chouteau	39.4	10.4	.9	.8	--	--	--	--	--	--	--	--	--	--	51.5
Glacier	53.9	--	--	--	5.7	--	--	--	--	--	.6	--	--	--	60.2
Hill	64.5	5.0	25.0	--	--	--	--	--	--	--	1.0	--	--	2.0	97.5
Liberty	56.1	--	6.9	--	--	--	--	--	--	--	--	--	--	1.7	64.7
Phillips	13.0	11.2	8.0	14.8	3.2	--	--	6.7	6.2	4.4	--	1.0	--	4.8	73.3
Pondera	11.1	2.0	7.1	--	1.5	--	--	--	2.1	3.3	3.3	--	--	--	30.4
Teton	22.1	--	6.2	--	--	--	--	--	--	--	.3	--	--	1.4	30.0
Toole	117.5	--	2.9	--	1.0	--	--	--	--	.4	--	--	--	--	121.8
N. CENTRAL	391.9	39.3	58.7	15.6	23.7	--	--	6.7	8.3	12.7	5.2	6.5	--	14.4	583.0
Daniels	28.9	89.8	16.0	--	37.4	--	17.5	--	1.3	--	--	--	4.0	.8	195.7
Dawson	.7	20.5	--	--	--	3.0	--	--	10.8	--	.5	--	--	--	35.5
Garfield	16.5	55.9	--	14.8	--	--	--	--	--	--	--	--	--	.6	87.8
McCone	5.7	68.4	--	2.9	.3	8.8	--	--	--	--	--	--	--	.6	86.7
Richland	--	66.8	4.4	--	--	.3	--	.8	.3	--	7.6	--	--	5.5	85.7
Roosevelt	10.8	124.8	--	94.1	30.0	19.8	7.8	2.7	3.0	--	--	--	--	6.9	299.9
Sheridan	17.7	44.5	--	3.4	8.4	8.3	5.7	19.6	2.3	--	--	--	--	8.2	118.1
Valley	165.1	22.1	37.4	24.8	27.0	--	.4	3.4	--	--	--	--	3.4	4.0	287.6
N. EAST	245.4	492.8	57.8	140.0	103.1	40.2	31.4	26.5	17.7	--	8.1	--	7.4	26.6	1,197.0
Broadwater	7.5	--	--	--	--	--	--	--	--	.2	--	--	--	5.7	13.4
Cascade	31.7	--	--	--	--	--	--	--	--	--	5.0	--	--	--	36.7
Fergus	18.9	--	--	--	--	--	--	--	--	--	1.2	1.6	--	--	21.7
Judith Basin	5.0	--	2.4	--	--	--	--	--	1.8	--	.4	4.8	--	--	14.4
Other	1.4	--	--	--	--	--	--	--	--	1.0	--	--	--	12.4	14.8
CENTRAL	64.5	--	2.4	--	--	--	--	--	1.8	1.2	6.6	6.4	--	18.1	101.0
S. WEST	3.6	--	4.3	5.8	--	--	--	--	---	1.3	--	--	--	4.0	19.0
S. CENTRAL	2.3	--	3.4	1.5	--	--	--	--	--	4.2	--	--	--	3.6	15.0
Fallon	12.1	1.7	12.5	--	--	4.9	--	--	--	--	--	--	3.3	18.5	53.0
Wibaux	--	7.6	20.6	--	--	18.0	19.3	--	1.0	--	--	--	--	3.2	69.7
Other	10.2	--	6.2	5.1	--	--	--	--	--	3.4	--	--	--	5.4	30.3
S. EAST	22.3	9.3	39.3	5.1	--	22.9	19.3	--	1.0	3.4	--	--	3.3	27.1	153.0
STATE	731.2	541.4	171.2	168.2	126.8	63.1	50.7	33.2	28.8	23.5	19.9	14.3	10.7	97.0	2,080.0

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1972 - 1976
1975 REVISED AND 1976 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1972	1973	1974	1975	1976	1975	1976
	Pct.	Pct.	Pct.	Pct.	Pct.	Revised	Preliminary
WINTER WHEAT							
Winalta	43.7	45.7	38.5	34.0	35.3	1,055,000	1,131,000
Cheyenne	33.5	29.6	32.9	33.7	30.0	1,045,600	959,900
Centurk	--	--	.6	3.5	12.0	108,100	383,400
Warrior	6.6	5.5	6.2	5.8	6.1	179,800	194,900
Winoka	1.4	4.3	6.9	7.5	3.5	233,500	111,500
Sundance	--	--	.2	1.7	2.6	53,000	81,800
Trapper	4.6	4.4	2.0	3.5	2.4	108,700	78,100
Froid	1.2	.8	2.3	1.2	.8	37,000	27,100
Hi-Plains	--	--	--	.1	.8	1,500	24,900
Nugaines	.5	.5	.2	.5	.7	14,100	22,600
Teton	--	*	.4	.6	.7	19,000	22,300
Lancer	1.4	1.8	1.8	1.3	.6	41,400	18,200
Wanser	.9	1.2	1.2	.6	.4	17,600	14,000
Crest	.7	.7	.7	.2	.4	6,900	11,300
Other	5.5	5.5	6.1	5.8	3.7	178,700	119,000
TOTAL	100.0	100.0	100.0	100.0	100.0	3,100,000	3,200,000
SPRING WHEAT EXCLUDING DURUM							
Fortuna	53.1	50.0	54.2	48.4	35.2	798,600	731,200
Olaf	--	--	.4	8.0	26.0	131,600	541,400
Norana	--	*	.5	2.5	8.2	40,600	171,200
Thatcher	14.8	13.7	10.0	9.0	8.1	148,000	168,200
Tioga	--	--	.1	.9	6.1	15,400	126,800
Waldren	.8	2.2	1.3	4.3	3.0	70,300	63,100
Red River 68	1.1	4.5	2.7	4.3	2.4	70,900	50,700
Manitou	14.9	14.1	9.9	4.7	1.6	78,300	33,200
Era	--	*	5.4	5.6	1.4	93,000	28,800
Prodax	--	--	--	--	1.1	--	23,500
Wared	--	--	--	.2	1.0	3,000	19,900
Centana	2.0	1.3	.8	.6	.7	9,500	14,300
Bounty 208	--	--	1.4	.9	.5	15,300	10,700
Other	13.3	14.2	13.3	10.6	4.7	175,500	97,000
TOTAL	100.0	100.0	100.0	100.0	100.0	1,650,000	2,080,000

* Less than .1 percent of total seeded acreage.

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE - 1972 - 1976
1975 REVISED AND 1976 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1972	1973	1974	1975	1976	1975	1976
	Pct.	Pct.	Pct.	Pct.	Pct.	Revised	Preliminary
DURUM WHEAT							
Wells	48.6	53.7	58.6	39.6	38.4	150,500	115,200
Ward	--	.1	2.0	14.1	16.0	53,600	48,100
Leeds	37.6	33.9	26.6	8.9	14.1	33,800	42,400
Rolette	--	--	--	13.9	8.4	52,800	25,100
Crosby	--	--	--	.9	2.9	3,400	8,700
Wascana	--	--	2.6	16.2	2.6	61,600	7,900
Hercules	1.6	1.6	4.6	1.9	2.4	7,200	7,200
Other	12.2	13.9	5.6	4.5	15.2	17,100	45,400
TOTAL	100.0	100.0	100.0	100.0	100.0	380,000	300,000

DURUM WHEAT
SEEDED ACREAGES BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1976

District & County	Wells	Ward	Leeds	Rolette	Crosby	Wascana	Hercules	Other and Unknown	Total
	Thousand Acres								
N. CENTRAL	3.3	9.7	--	.6	--	3.6	--	23.6	40.8
Daniels	3.2	--	--	--	--	--	--	4.8	8.0
McCone	1.6	.7	5.5	--	--	--	--	.4	8.2
Roosevelt	.6	--	--	13.4	--	--	--	1.3	15.3
Sheridan	106.5	28.9	36.9	11.1	8.7	4.3	7.2	2.7	206.3
Other	--	3.0	--	--	--	--	--	9.9	12.9
N. EAST	111.9	32.6	42.4	24.5	8.7	4.3	7.2	19.1	250.7
All Other Counties	--	5.8	--	--	--	--	--	2.7	8.5
STATE	115.2	48.1	42.4	25.1	8.7	7.9	7.2	45.4	300.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

The information for this report was obtained from a sample of growers who reported the acreages of various varieties of wheat. The report was made possible by funds provided by the Montana Wheat Research and Marketing Committee and the Montana Department of Agriculture. The survey was conducted by the Statistical Reporting Service, USDA.

Daniel L. Herbert,
Agricultural Statistician-in-Charge
Statistical Reporting Service--USDA

Rick Itami,
Agricultural Statistician

UNITED STATES DEPARTMENT OF AGRICULTURE
STATISTICAL REPORTING SERVICE
AGRICULTURAL STATISTICIAN
P. O. BOX 1726
HELENA, MONTANA 59601

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE, $300

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF AGRICULTURE
AGR 101

BULK THIRD CLASS

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930 E LYNDALE
HELENA MT 59601

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1977

WHEAT VARIETIES

STATE DOCUMENTS
AUG 9 '77

MONTANA
CROP & LIVESTOCK
REPORTING SERVICE
Statistical Reporting Service-USDA
Montana Department of Agriculture
P.O. Box 4369--Helena, MONT

1977

Released: August 4, 1977

WINALTA STILL TOP WINTER WHEAT VARIETY: For nine consecutive years, Montana farmers have planted more Winalta winter wheat than any other variety. An estimated 946,600 acres or 31.1 percent of the State's total winter wheat acres were seeded to this variety in 1977. Winalta is a high-quality milling and baking wheat that has moderate winter hardiness. It is a strong gluten wheat variety.

Centurk rose to second place with 784,600 acres planted or 25.7 percent of the total. It is a moderately early variety with medium height and straw strength. It resists shattering and baking quality is considered equal to Cheyenne or Winalta.

Cheyenne continued its drop in importance and slipped to third place with 700,800 acres or 23.0 percent of the total. Released in 1922 from Nebraska, Cheyenne is a mid-tall weak-strawed, bearded variety with a fair level of winter hardiness. It produces a strong gluten flour but lacks the loaf volume and texture of Winalta.

Warrior remained in fourth place with 119,800 acres or 3.9 percent of the total. It is a mid-tall, stiff-strawed variety which is moderately resistant to lodging and shattering. Its milling and baking properties are comparable to those of Winalta.

FORTUNA REMAINS FAVORITE SPRING WHEAT VARIETY: Farmers planted 700,000 acres of Fortuna which was 34.1 percent of the total. This is a beardless, solid-stem variety which resists sawfly. Fortuna is a high yielding variety with satisfactory milling qualities but some weakness in baking qualities.

Olaf remains in second place with 491,000 acres or 24.1 percent of the total. Olaf is a semi-dwarf, rust resistant variety with good test weight. In third place is Tioga with 161,500 acres or 7.9 percent of the total. Tioga resists wheat stem sawfly. The fourth place variety is Prodax with 129,600 acres or 6.3 percent of the average. Prodax is a semi-dward wheat.

WARD NUMBER ONE DURUM: Ward moved from second to first place as the favorite durum variety with 53,500 acres or 25.5 percent of the total. Wells slipped to second place with 45,200 acres or 21.5 percent of the durum acreage. Crosby was third with 33,800 acres or 16.1 percent of the total.

These data are based upon a sample survey of grain producers who report varieties seeded. Variety data by county are based upon the percent of each variety reported. Data for minor varieties and minor counties are subject to more variation than major varieties and major counties.

Daniel L. Herbert,
State Statistician

Raymond C. Stack,
Agr. Statistician

WINTER WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1977

Dist. & Co.	Winalta	Centurk	Cheyenne	Warrior	Winoka	Hi-Plains	Sundance	Trapper	Lancer	Nugaines	Wanser	Froid	Other & unknown	Total
N. WEST	1.1	--	--	--	--	.1	2.8	--	--	20.6	--	--	21.4	46.0
Blaine	56.9	38.8	--	--	11.1	--	--	--	--	2.8	--	--	--	109.6
Chouteau	112.1	173.4	170.9	31.0	15.2	--	--	--	--	--	1.9	--	5.2	509.7
Glacier	16.2	3.4	--	--	--	--	--	--	--	--	1.5	--	.3	21.4
Hill	190.6	15.8	109.1	--	30.0	--	23.7	37.5	--	--	--	--	--	406.7
Liberty	27.2	69.3	6.4	--	1.2	--	2.2	--	--	--	--	.1	.1	106.5
Phillips	3.7	33.8	--	--	2.8	--	--	--	--	--	--	--	--	40.3
Pondera	57.2	51.7	49.4	5.6	6.4	--	--	--	--	--	--	--	.1	170.4
Teton	13.4	44.4	43.6	4.3	5.5	--	--	13.4	--	--	1.3	--	.8	126.7
Toole	55.8	--	--	--	--	--	6.9	--	--	--	--	--	--	62.7
N. CENTRAL	533.1	430.6	379.4	40.9	72.2	--	32.8	50.9	--	2.8	4.7	.1	6.5	1,554.0
Dawson	57.7	15.8	5.5	--	--	7.9	--	7.8	3.6	--	--	--	2.2	100.5
Garfield	28.1	21.8	--	--	--	1.5	--	--	--	--	--	--	--	51.4
McCone	76.1	--	--	--	--	38.5	--	--	--	--	--	--	3.5	118.1
Richland	35.6	--	--	--	8.3	19.9	--	--	--	--	--	--	--	63.8
Roosevelt	15.8	--	--	--	--	--	6.1	--	--	--	--	.7	--	22.6
Valley	17.6	--	3.3	--	--	--	--	--	--	--	--	2.0	2.5	25.4
Other	--	--	--	--	--	--	3.1	--	--	--	--	6.7	1.4	11.2
N. EAST	230.9	37.6	8.8	--	8.3	67.8	9.2	7.8	3.6	--	--	9.4	9.6	393.0
Cascade	14.8	83.7	30.8	2.4	--	--	--	--	--	--	1.0	--	1.1	133.8
Fergus	5.9	70.5	27.6	--	3.9	--	31.4	--	22.1	--	--	--	1.6	163.0
Golden Valley	--	.3	9.6	--	12.4	--	--	--	--	--	--	--	--	22.3
Judith Basin	14.3	22.5	16.9	--	--	--	--	2.7	--	--	--	--	--	56.4
Other	12.5	15.0	19.3	--	--	--	--	--	--	--	--	--	20.7	67.5
CENTRAL	47.5	192.0	104.2	2.4	16.3	--	31.4	2.7	22.1	--	1.0	--	23.4	443.0
Gallatin	14.2	9.9	8.4	--	--	--	--	--	--	1.9	--	--	3.9	38.3
Other	2.5	10.4	8.5	--	--	--	--	--	--	--	7.2	--	.1	28.7
S. WEST	16.7	20.3	16.9	--	--	--	--	--	--	1.9	7.2	--	4.0	67.0
Big Horn	10.6	6.1	17.1	41.4	--	--	--	--	.2	--	--	--	2.8	78.2
Carbon	1.1	5.4	14.3	--	--	--	--	--	--	--	--	--	--	20.8
Park	2.2	2.7	17.3	2.1	--	--	--	--	--	--	--	--	--	24.3
Stillwater	3.9	35.5	33.2	--	--	--	--	--	12.2	--	--	--	1.1	85.9
Yellowstone	16.0	12.9	62.8	--	--	--	--	--	--	--	--	--	7.3	99.0
Other	--	--	5.4	1.4	--	--	--	--	--	--	--	--	8.0	14.8
S. CENTRAL	33.8	62.6	150.1	44.9	--	--	--	--	12.4	--	--	--	19.2	323.0
Fallon	32.1	9.9	--	--	--	--	--	--	--	--	--	--	--	42.0
Powder River	19.1	--	21.5	--	--	12.0	--	--	--	--	--	--	--	52.6
Prairie	22.8	--	--	24.1	.3	--	--	--	--	--	--	--	--	47.2
Rosebud	--	14.9	19.9	4.6	--	--	--	--	--	--	--	--	.4	39.8
Other	9.5	16.7	--	2.9	2.4	5.4	--	--	1.1	--	--	--	4.4	42.4
S. EAST	83.5	41.5	41.4	31.6	2.7	17.4	--	--	1.1	--	--	--	4.8	224.0
STATE	946.6	784.6	700.8	119.8	99.5	85.3	76.2	61.4	39.2	25.3	12.9	9.5	88.9	3,050.0

SPRING WHEAT (EXCLUDING DURUM)
SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1977

District & County	Fortuna	Olaf	Tioga	Prodax	Wared	Thatcher	Norana	Manitou	Bounty 309	Lew	Waldren	Red River 68	Canthatch	Other and Unknown	TOTAL
							Thousand Acres								
N. WEST	--	--	--	.6	--	--	1.5	--	--	--	--	--	--	6.9	9.0
Blaine	16.4	.7	--	26.7	--	--	--	--	20.7	--	--	--	--	9.5	74.0
Chouteau	72.4	--	--	--	9.6	--	1.1	--	--	--	--	--	--	9.2	92.3
Glacier	24.8	--	--	--	38.7	--	--	--	--	--	--	--	--	--	63.5
Hill	104.1	--	--	5.4	1.8	5.7	15.5	1.3	2.3	--	--	--	--	2.5	138.6
Liberty	72.9	--	--	9.5	4.0	--	13.9	--	--	--	--	--	--	.1	100.4
Phillips	3.1	22.2	8.5	1.2	--	18.4	1.0	6.1	.4	--	--	--	--	1.8	62.7
Pondera	10.4	1.7	--	2.6	4.8	--	1.6	1.1	--	--	--	--	--	1.2	23.4
Teton	25.2	--	--	.9	.9	--	6.8	--	--	--	--	--	--	.3	3[illegible]
Toole	115.1	.5	1.4	--	--	--	--	--	--	--	--	--	--	--	117.0
N. CENTRAL	444.4	25.1	9.9	46.3	59.8	24.1	39.9	8.5	23.4	--	--	--	--	24.6	706.0
Daniels	55.7	65.9	15.7	13.2	--	--	9.7	12.8	16.5	14.5	--	10.3	--	--	214.3
Dawson	--	23.6	--	--	6.0	--	--	--	--	--	3.0	--	--	3.8	36.4
Garfield	9.8	8.9	--	2.1	--	13.9	2.8	--	--	--	--	--	--	--	37.5
McCone	3.2	64.6	5.6	4.5	--	3.7	--	--	--	--	--	--	1.6	.1	83.3
Richland	--	40.6	--	--	15.7	2.6	--	--	--	--	.3	--	--	--	59.2
Roosevelt	--	94.0	54.1	30.3	5.9	35.1	--	8.6	--	--	4.7	--	16.2	9.4	258.3
Sheridan	4.8	85.7	13.5	9.1	--	--	--	2.1	--	4.2	16.3	7.2	4.2	9.3	156.4
Valley	124.8	49.0	57.7	3.2	--	10.8	4.4	11.1	--	.6	--	--	--	20.0	281.6
N. EAST	198.3	432.3	146.6	62.4	27.6	66.1	16.9	34.6	16.5	19.3	24.3	17.5	22.0	42.6	1,127.0
Cascade	30.4	--	--	--	--	--	--	--	--	--	--	--	--	1.6	32.0
Fergus	.9	--	--	16.7	4.4	--	--	--	--	--	--	--	--	--	22.0
Judith Basin	12.8	--	.6	--	--	--	.4	--	--	.6	--	--	--	.1	14.5
Other	.5	--	--	--	--	--	--	--	--	--	--	--	--	21.0	2[illegible]
Central	44.6	--	.6	16.7	4.4	--	.4	--	--	.6	--	--	--	22.7	90.0
S. WEST	2.4	--	--	1.5	--	--	1.8	--	--	--	--	--	--	6.3	12.0
S. CENTRAL	2.0	--	--	1.9	.2	.9	1.9	--	--	--	--	--	.2	3.9	11.0
Fallon	--	21.5	--	.2	--	--	4.2	--	--	--	1.6	--	--	3.6	31.1
Wibaux	2.1	10.8	4.4	--	9.0	--	--	--	--	8.5	--	5.6	--	.7	41.1
Other	6.2	1.3	--	--	--	--	3.7	1.3	--	--	--	--	--	10.3	22.8
S. EAST	8.3	33.6	4.4	.2	9.0	--	7.9	1.3	--	8.5	1.6	5.6	--	14.6	95.0
STATE	700.0	491.0	161.5	129.6	101.0	91.1	70.3	44.4	39.9	28.4	25.9	23.1	22.2	121.6	2,050.0

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1973 - 1977
1976 REVISED AND 1976 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1973	1974	1975	1976	1977	1976	1977
	Pct.	Pct.	Pct.	Pct.	Pct.	Revised	Preliminary
WINTER WHEAT							
Winalta	45.7	38.5	34.0	35.3	31.1	1,131,000	946,600
Centurk	---	.6	3.5	12.0	25.7	383,400	784,600
Cheyenne	29.6	32.9	33.7	30.0	23.0	959,900	700,800
Warrior	5.5	6.2	5.8	6.1	3.9	194,900	119,800
Winoka	4.3	6.9	7.5	3.5	3.3	111,500	99,500
Hi-Plains	---	---	.1	.8	2.8	24,900	85,300
Sundance	---	.2	1.7	2.6	2.5	81,800	76,200
Trapper	4.4	2.0	3.5	2.4	2.0	78,100	61,400
Lancer	1.8	1.8	1.3	.6	1.3	18,200	39,200
Nugaines	.5	.2	.5	.7	.8	22,600	25,300
Wanser	1.2	1.2	.6	.4	.4	14,000	12,900
Froid	.8	2.3	1.2	.8	.3	27,100	9,500
Other	6.2	7.2	6.6	4.8	2.9	152,600	88,900
TOTAL	100.0	100.0	100.0	100.0	100.0	3,200,000	3,050,000
SPRING WHEAT EXCLUDING DURUM							
Fortuna	50.0	54.2	48.4	35.2	34.1	731,200	700,000
Olaf	---	.4	8.0	26.0	24.1	541,400	491,000
Tioga	---	.1	.9	6.1	7.9	126,800	161,500
Prodax	---	---	---	1.1	6.3	23,500	129,600
Wared	---	---	.2	1.0	4.9	19,900	101,000
Thatcher	13.7	10.0	9.0	8.1	4.4	168,200	91,100
Norana	*	.5	2.5	8.2	3.4	171,200	70,300
Manitou	14.1	9.9	4.7	1.6	2.2	33,200	44,400
Bounty 309	---	---	---	---	1.9	---	39,900
Lew	---	---	---	---	1.4	---	28,400
Waldren	2.2	1.3	4.3	3.0	1.3	63,100	25,900
Red River 68	4.5	2.7	4.3	2.4	1.1	50,700	23,100
Canthatch	2.4	3.7	1.7	.2	1.1	4,200	22,200
Other	13.1	17.2	16.0	7.1	5.9	146,600	121,600
TOTAL	100.0	100.0	100.0	100.0	100.0	2,080,000	2,050,000

* Less than .1 percent of total seeded acreage.

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE - 1973-1977
1976 REVISED AND 1977 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage 1973 Pct.	1974 Pct.	1975 Pct.	1976 Pct.	1977 Pct.	Seeded Acres 1976 Revised	1977 Preliminary
DURUM WHEAT							
Ward	.1	2.0	14.1	16.0	25.5	48,100	53,500
Wells	53.7	58.6	39.6	38.4	21.5	115,200	45,200
Crosby	--	--	.9	2.9	16.1	8,700	33,800
Rugby	--	--	--	--	13.1	--	27,600
Wascana	--	2.6	16.2	2.6	5.0	7,900	10,600
Wiskom	--	--	--	--	2.6	--	5,400
Leeds	33.9	26.6	8.9	14.1	1.7	42,400	3,500
Other	12.3	10.2	20.3	26.0	14.5	77,700	30,400
TOTAL	100.0	100.0	100.0	100.0	100.0	300,000	210,000

DURUM WHEAT
SEEDED ACREAGES BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1977

District & County	Ward	Wells	Crosby	Rugby	Wascana	Wiskom	Leeds	Other and Unknown	TOTAL
	Thousand Acres								
N. CENTRAL	8.6	5.5	--	27.6	5.3	5.4	2.3	3.5	58.2
Sheridan	33.5	21.8	25.5	--	--	--	.9	1.8	83.5
Other	11.4	17.9	8.3	--	5.3	--	.3	15.3	58.5
N. East	44.9	39.7	33.8	--	5.3	--	1.2	17.1	142.0
All Other Counties	--	--	--	--	--	--	--	9.8	9.8
STATE	53.5	45.2	33.8	27.6	10.6	5.4	3.5	30.4	210.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

The information for this report was obtained from a sample of growers who reported the acreages of various varieties of wheat. The report was made possible by funds provided by the Montana Wheat Research and Marketing Committee and the Montana Department of Agriculture. The survey was conducted by the Statistical Reporting Service, USDA.

Daniel L. Herbert,
Statistician-in-Charge
Statistical Reporting Service--USDA

Raymond G. Stack
Agricultural Statistician

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Released: August 4, 1978

WINALTA CONTINUES TOP WINTER WHEAT VARIETY: For the past 10 years, Montana farmers have planted more Winalta winter wheat than any other variety. An estimated 844,500 acres or 29.1 percent of the State's total acreage was seeded to this variety in 1978. Winalta is a high-quality milling and baking wheat that has moderate winter hardiness. It is a strong, gluten variety.

Centurk continued in second place, with 814,100 acres planted or 28.1 percent of the total. It is a moderately early variety, with medium height and straw strength. It resists shattering and baking quality is considered equal to Cheyenne or Winalta.

Cheyenne remained in third place, with 759,500 acres or 26.2 percent of the total. Released in 1922 from Nebraska, Cheyenne is a mid-tall, weak-strawed, bearded variety, with a fair level of winter hardiness. It produces a strong gluten flour but lacks the loaf volume and texture of Winalta.

Warrior remained in fourth place, with 93,600 acres or 3.2 percent of the total. It is a mid-tall, stiff-strawed variety which is moderately resistent to lodging and shattering. Its milling and baking properties are comparable to those of Winalta.

OLAF RISES TO TOP SPRING WHEAT VARIETY: Farmers planted 433,300 acres of Olaf, making it the number 1 variety, with 22.8 percent of the total. Olaf is a semi-dwarf, rust-resistent variety, with good test weight.

Fortuna slipped to second place from the number one spot last year and was planted on 409,500 acres or 21.5 percent of the total. This is a beardless, solid stem variety, which resists sawfly. Fortuna is a high yielding variety, with satisfactory milling qualities but some weakness in baking qualities.

Prodax moved into third place, with 171,100 acres or 9.0 percent of the total spring wheat planting. It is a semi-dwarf wheat. Tioga went from third to fourth place, with 169,000 acres or 8.9 percent of the total. Tioga resists wheat stem sawfly.

WARD NUMBER ONE DURUM: Ward continued in the number one durum spot, with 92,500 acres planted or 30.8 percent of the total. Crosby was in second place, with 57,500 acres or 19.2 percent. Cando was third, with 21,700 or 7.2 percent of the total.

These data are based upon a sample survey of grain producers who report varieties seeded. Variety data by county are based upon the percent of each variety reported. Data for minor varieties and minor counties are subject to more variation than major varieties and major counties.

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WINTER WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1978

Dist. & Co.	Winalta	Centurk	Cheyenne	Warrior	Winoka	Sundance	Trapper	Nugaines	Hi-Plains	Lancer	Froid	Wanser	Other & unknown	Total
N. WEST	2.2	--	--	--	--	1.4	--	4.3	--	--	--	0.8	18.2	26.9
Blaine	54.6	6.9	20.6	7.7	4.6	--	--	2.7	--	--	--	--	4.5	101.6
Chouteau	29.0	212.5	154.6	13.8	14.7	--	3.3	--	--	--	.7	3.2	9.4	441.2
Glacier	40.3	--	7.5	--	--	--	--	--	--	--	--	--	--	47.8
Hill	122.5	93.0	107.7	22.8	30.5	43.1	--	--	--	--	--	--	10.5	430.1
Liberty	36.3	119.1	10.0	--	--	--	1.9	--	--	--	3.9	2.5	2.4	176.1
Phillips	49.4	--	--	--	--	--	--	--	--	--	--	--	4.0	53.4
Pondera	23.4	55.3	30.9	0.1	6.8	4.9	--	2.7	--	--	--	--	--	124.1
Teton	25.0	46.1	48.8	--	3.8	--	13.7	--	--	--	--	0.4	--	137.8
Toole	69.3	10.6	--	--	--	--	--	--	--	12.2	--	--	--	92.1
N. CENTRAL	449.8	543.5	380.1	44.4	60.4	48.0	18.9	5.4	--	12.2	4.6	6.1	30.8	1,604.2
Dawson	57.2	10.3	4.1	--	4.0	3.5	--	--	--	--	--	--	5.8	84.9
Garfield	22.4	8.7	12.0	--	1.3	--	--	--	--	--	--	--	--	44.4
McCone	93.4	--	--	--	7.6	--	--	--	5.6	--	--	--	0.4	107.0
Richland	36.1	--	--	--	7.1	--	1.4	--	7.4	--	--	--	5.2	57.2
Roosevelt	11.9	--	--	--	--	--	--	--	--	--	.7	--	7.5	20.1
Valley	12.2	--	9.1	--	--	--	--	--	--	--	--	--	11.3	32.6
Other	--	--	--	--	--	--	--	--	--	--	6.8	--	1.9	8.7
N. EAST	233.2	19.0	25.2	--	20.0	3.5	1.4	--	13.0	--	7.5	--	32.1	354.9
Cascade	9.1	76.7	19.7	1.5	--	--	--	--	--	--	--	0.3	0.5	107.8
Fergus	7.7	45.0	50.5	--	2.3	17.0	--	--	--	--	--	--	1.0	123.5
Golden Valley	3.2	--	14.1	--	--	--	--	--	--	--	--	--	3.1	20.4
Judith Basin	7.7	18.6	28.4	--	--	--	--	--	--	--	--	--	--	54.7
Other	10.3	18.7	2.2	--	--	--	--	--	--	--	--	--	37.3	68.5
CENTRAL	38.0	159.0	114.9	1.5	2.3	17.0	--	--	--	--	--	0.3	41.9	374.9
Gallatin	8.8	9.8	15.7	--	--	--	--	2.9	--	--	--	--	1.3	38.5
Other	3.2	5.9	2.7	--	--	--	--	--	--	--	--	--	2.7	14.5
S. WEST	12.0	15.7	18.4	--	--	--	--	2.9	--	--	--	--	4.0	53.0
Big Horn	1.4	--	43.6	21.9	--	--	--	--	--	--	--	--	--	66.9
Carbon	--	--	17.6	--	--	--	--	--	--	--	--	--	--	17.6
Park	0.4	6.7	3.8	0.1	0.2	--	--	0.8	--	--	--	--	0.6	12.6
Stillwater	4.4	37.7	8.8	7.2	--	--	--	--	--	--	--	--	1.7	59.8
Yellowstone	4.7	3.1	76.4	2.4	--	--	--	--	--	--	--	--	4.2	90.8
Other	--	--	10.0	2.4	--	--	--	--	--	--	--	--	--	12.4
S. CENTRAL	10.9	47.5	160.2	34.0	0.2	--	--	0.8	--	--	--	--	6.5	260.1
Carter	14.6	19.7	--	--	4.1	--	--	--	--	--	--	--	0.9	39.3
Custer	2.9	--	42.1	--	--	--	--	--	--	--	--	--	--	45.0
Fallon	36.5	--	--	--	--	--	--	--	--	--	--	--	--	36.5
Prairie	23.0	--	--	13.7	--	--	--	--	--	--	--	--	3.3	40.0
Other	21.4	9.7	18.6	--	5.9	--	--	--	--	--	--	--	9.6	65.2
S. EAST	98.4	29.4	60.7	13.7	10.0	--	--	--	--	--	--	--	13.8	226.0
STATE	844.5	814.1	759.5	93.6	92.9	69.9	20.3	13.4	13.0	12.2	12.1	7.2	147.3	2,900.0

SPRING WHEAT (EXCLUDING DURUM)
SEEDED ACREAGE BY VARIETIES, DISTRICTS & SELECTED COUNTIES - MONTANA 1978

District & County	Olaf	Fortuna	Prodax	Tioga	Thatcher	Wared	Red River 68	Lew	Norana	Waldron	Manitou	Newana	Borah	Other and Unknown	TOTAL
N. WEST	--	0.2	--	--	0.6	--	--	--	4.6	--	--	--	1.5	6.1	13.0
Blaine	4.2	26.1	--	7.5	--	--	--	1.4	--	--	--	--	--	7.1	48.8
Chouteau	1.6	35.3	--	--	--	2.5	--	--	4.5	--	--	--	1.0	3.6	46.0
Glacier	--	31.4	--	--	--	11.0	--	--	--	--	--	0.6	--	--	43.0
Hill	--	47.9	2.1	--	6.4	7.8	--	1.6	14.3	--	--	--	--	0.6	80.7
Liberty	--	41.8	6.8	--	--	2.2	--	--	6.5	--	--	--	--	1.2	58.5
Phillips	10.0	1.8	--	21.0	11.3	2.9	--	--	--	--	2.5	--	--	5.8	55.3
Pondera	2.4	6.6	1.8	--	--	4.1	--	3.1	0.1	--	--	1.0	--	0.2	19.3
Teton	0.4	23.4	1.0	--	--	--	--	--	--	--	--	--	--	--	24.8
Toole	5.1	80.7	7.5	--	--	--	--	--	8.5	--	--	--	--	--	101.8
N. CENTRAL	23.7	295.0	19.2	28.5	17.7	30.5	--	6.1	33.9	--	2.5	1.6	1.0	18.5	478.2
Daniels	32.8	26.2	34.8	27.6	--	10.2	63.2	25.8	9.2	--	--	--	--	14.8	244.6
Dawson	42.7	--	--	--	2.4	--	--	--	--	12.9	--	--	--	3.6	61.6
Garfield	10.5	4.4	3.1	--	--	--	--	--	0.7	--	--	--	--	--	18.7
McCone	53.4	1.1	12.8	3.7	3.7	--	--	4.4	--	--	--	--	--	2.3	81.4
Richland	42.0	3.3	0.5	--	3.2	33.2	--	0.6	0.8	--	--	0.4	--	1.0	85.0
Roosevelt	105.3	--	15.9	17.3	81.1	--	2.5	2.9	--	--	9.3	--	--	18.1	252.4
Sheridan	60.7	2.5	11.4	15.0	--	--	10.9	5.7	--	25.1	11.9	--	--	9.3	152.5
Valley	40.6	44.9	39.0	76.9	18.6	--	--	27.6	3.7	--	7.7	10.9	--	7.4	277.3
N. EAST	388.0	82.4	117.5	140.5	109.0	43.4	76.6	67.0	14.4	38.0	28.9	11.3	--	56.5	1,173.5
Cascade	--	1.0	--	--	--	25.8	--	--	3.3	--	--	--	.9	--	31.0
Fergus	--	6.3	12.9	--	--	--	--	--	--	--	--	--	--	--	19.2
Judith Basin	--	--	--	--	--	15.1	--	--	--	--	--	--	--	--	15.1
Other	--	1.8	--	--	--	--	--	--	1.8	--	--	--	13.9	4.3	21.8
CENTRAL	--	9.1	12.9	--	--	40.9	--	--	5.1	--	--	--	14.8	4.3	87.1
S. WEST	--	3.8	4.6	--	--	--	--	--	2.7	--	--	1.2	--	4.8	17.1
S. CENTRAL	--	--	2.5	--	1.8	1.3	--	--	3.0	--	--	--	--	4.4	13.0
Fallon	14.3	16.2	1.1	--	--	--	--	--	--	4.9	--	--	--	4.5	41.0
Wibaux	5.3	--	--	--	--	--	28.6	--	--	--	--	--	--	15.4	49.3
Other	2.0	2.8	13.3	--	--	--	--	--	0.7	--	--	5.0	--	4.0	27.8
S. EAST	21.6	19.0	14.4	--	--	--	28.6	--	0.7	4.9	--	5.0	--	23.9	118.1
STATE	433.3	409.5	171.1	169.0	129.1	116.1	105.2	73.1	64.4	42.9	31.4	19.1	17.3	118.5	1,900.0

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1974 - 1978
1977 REVISED AND 1978 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage 1974	1975	1976	1977	1978	Seeded Acres 1977 Revised	1978 Preliminary
	--------- Percent ----------						
WINTER WHEAT							
Winalta	38.5	34.0	35.3	31.1	29.1	946,600	844,500
Centurk	.6	3.5	12.0	25.7	28.1	784,600	814,100
Cheyenne	32.9	35.7	30.0	23.0	26.2	700,800	759,500
Warrior	6.2	5.8	6.1	3.9	3.2	119,800	93,600
Winoka	6.9	7.3	3.5	3.3	3.2	99,500	92,900
Sundance	.2	1.7	2.6	2.5	2.4	76,200	69,900
Trapper	2.0	3.5	2.4	2.0	.7	61,400	20,300
Nugaines	.2	.5	.7	.8	.5	25,300	13,400
Hi-Plains	--	.1	.8	2.8	.4	85,300	13,000
Lancer	1.8	1.3	.6	1.3	.4	39,200	12,200
Froid	2.3	1.2	.8	.3	.4	9,500	12,100
Wanser	1.2	.6	.4	.4	.2	12,900	7,200
Other & unknown	7.2	6.6	4.8	2.9	5.2	88,900	147,300
TOTAL	100.0	100.0	100.0	100.0	100.0	3,050,000	2,900,000
SPRING WHEAT EXCLUDING DURUM							
Olaf	.4	8.0	26.0	24.1	22.8	507,800	433,300
Fortuna	54.2	48.4	35.2	34.1	21.6	723,900	409,500
Prodax	--	--	1.1	6.3	9.0	134,000	171,100
Tioga	.1	.9	6.1	7.9	8.9	167,000	169,000
Thatcher	10.0	9.0	8.1	4.4	6.8	94,200	129,100
Wared	--	.2	1.0	4.9	6.1	104,400	116,100
Red River 68	2.7	4.3	2.4	1.1	5.5	23,900	105,200
Lew	--	--	--	1.4	3.8	29,400	73,100
Norana	.5	2.5	8.2	3.4	3.4	72,700	64,400
Waldron	1.3	4.3	3.0	1.3	2.3	26,800	42,900
Manitou	9.9	4.7	1.6	2.2	1.7	45,900	31,400
Newana	--	--	--	--	1.0	---	19,100
Borah	--	--	--	--	.9	---	17,300
Other & unknown	20.9	17.7	7.3	8.9	6.2	190,000	118,500
TOTAL	100.0	100.0	100.0	100.0	100.0	2,120,000	1,900,000

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MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE - 1974 - 1978
1977 REVISED AND 1978 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1974	1975	1976	1977	1978	1977 Revised	1978 Preliminary
	Percent						
DURUM WHEAT							
Ward	2.0	14.1	16.0	25.5	30.8	58,600	92,500
Crosby	--	.9	2.9	16.1	19.2	37,000	57,500
Cando	--	--	--	--	7.2	---	21,700
Wells	58.6	39.6	38.4	21.5	5.7	49,500	17,200
Rolette	--	--	--	--	3.4	---	10,200
Leeds	26.6	8.9	14.1	1.7	3.3	3,900	9,900
Wascana	2.6	16.2	2.6	5.0	1.7	11,600	5,000
Other & unknown	10.2	20.3	26.0	30.2	28.7	69,400	86,000
TOTAL	100.0	100.0	100.0	100.0	100.0	230,000	300,000

DURUM WHEAT
SEEDED ACREAGES BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1978

District & County	Ward	Crosby	Cando	Wells	Rollette	Leeds	Wascana	Other and Unknown	TOTAL
	Thousand Acres								
N. CENTRAL	15.7	--	--	2.5	--	--	--	24.8	43.0
Sheridan	67.3	57.5	21.7	12.3	10.2	9.5	--	--	178.5
Other	--	--	--	2.4	--	0.4	5.0	53.7	61.5
N. EAST	67.3	57.5	21.7	14.7	10.2	9.9	5.0	53.7	240.0
All Other Counties	9.5	--	--	--	--	--	--	7.5	17.0
STATE	92.5	57.5	21.7	17.2	10.2	9.9	5.0	86.0	300.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

This report was made possible by funds provided by the Montana Wheat Research and Marketing Committee and the Montana Department of Agriculture. The survey was conducted by the Montana Crop and Livestock Reporting Service, USDA.

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P.O. Box 4369—Helena, MT

Released: August 7, 1979

WINALTA TOP WINTER WHEAT VARIETY: For over a decade, Montana wheat farmers have chosen Winalta as their favorite winter wheat variety. An estimated 830,900 acres or 27.7 percent of the State's acreage was seeded to this variety in 1979. Winalta is a high-quality milling and baking wheat, with moderate winter hardiness.

Continuing a 5-year rise Centurk placed second in number of acres planted--only 19,000 acres less than Winalta. This variety has medium height and straw strength. It resists shattering and has good baking quality.

Cheyenne remained in third place, with 705,400 acres or 23.5 percent of the acreage. Cheyenne is an older variety, mid-tall, weak strawed and bearded. It produces a strong gluten flour but lacks loaf volume and texture of Winalta.

Warrior placed fourth in popularity, with 4.6 percent of the acreage or 138,100 acres planted to this variety. It is a mid-tall, stiff-strawed variety, which is moderately resistant to lodging and shattering. Its milling qualities are comparable to those of Winalta.

FORTUNA RETURNS AS TOP SPRING WHEAT VARIETY: Farmers planted 620,700 acres of Fortuna, making it the Number 1 spring wheat variety. Fortuna is a beardless, solid-stem variety which resists sawfly. It is a high yielding variety, with satisfactory milling qualities, but some weakness in baking quality.

Olaf was the second most popular variety, with 17.1 percent of the acreage planted. Olaf is a semi-dwarf, rust-resistant variety, with good test weight.

Prodax remained in third place, with 262,900 acres or 9.9 percent of the total spring wheat planted. Tioga held on to fourth place, with 225,700 acres planted.

ROLETTE MOST POPULAR DURUM WHEAT VARIETY: Rolette just edged out Ward to become the leading variety of durum wheat. An estimated 50,900 acres or 18.5 percent of the durum wheat planted was Rolette.

Ward was in second place, with 50,600 acres and right behind in third place was Wells with 50,300 acres. The fourth most popular variety was Cando, which accounted for 48,800 acres or 17.7 percent of the durum wheat planted.

These data are based upon a sample survey of grain producers who report varieties seeded. Variety data by county are based upon the percent of each variety reported. Data for minor varieties and minor counties are subject to more variation than major varieties and major counties.

WINTER WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1979

Dist. & Co.	Winalta	Centurk	Cheyenne	Warrior	Winoka	Rough Rider	Sundance	Nugaines	Trapper	Lancer	Gent	Wanser	Other & Unknown	TOTAL
N. WEST	--	--	.9	--	--	--	1.3	10.4	--	--	--	--	17.4	30.0
Blaine	53.1	12.0	15.9	10.0	11.3	--	10.0	--	--	--	--	--	--	112.3
Chouteau	39.5	198.2	184.3	13.9	1.8	--	--	3.9	17.9	--	--	--	10.3	469.8
Glacier	35.4	--	--	--	--	--	--	--	--	--	--	--	3.8	39.2
Hill	196.6	60.1	111.7	21.3	30.2	--	22.3	--	--	--	--	--	.3	442.5
Liberty	49.9	87.6	22.2	8.6	15.0	.3	--	--	--	--	--	5.3	--	188.9
Phillips	50.4	--	2.6	--	10.0	--	--	--	--	--	--	--	--	63.0
Pondera	14.7	66.6	17.3	.2	9.0	--	--	7.2	--	--	--	--	10.9	125.9
Teton	23.3	55.4	50.7	--	7.5	--	--	--	--	--	--	.5	.5	137.9
Toole	77.5	25.0	5.0	--	--	--	--	--	--	15.0	--	--	--	122.5
N. CENTRAL	540.4	504.9	409.7	54.0	84.8	.3	32.3	11.1	17.9	15.0	--	5.8	25.8	1,702.0
Dawson	25.2	--	--	--	--	7.9	--	.5	--	--	--	--	40.9	74.5
Garfield	32.3	3.2	--	--	--	.9	--	--	.2	--	--	--	--	36.6
McCone	82.4	2.5	--	--	4.2	1.0	5.2	--	--	--	--	--	.1	95.4
Richland	9.9	--	--	--	2.8	32.3	--	--	--	--	--	--	--	45.0
Roosevelt	11.6	--	--	--	--	--	--	--	--	--	--	--	4.8	16.4
Valley	5.8	--	5.8	--	2.2	5.2	--	--	--	--	--	--	2.5	21.5
Other	.6	--	--	--	--	.2	--	--	--	--	--	--	7.8	8.6
N. EAST	167.8	5.7	5.8	--	9.2	47.5	5.2	.5	.2	--	--	--	56.1	298.0
Cascade	1.6	55.9	40.1	6.2	--	--	--	6.0	--	--	--	1.0	3.4	114.2
Fergus	2.2	62.3	36.9	1.6	2.2	--	13.1	--	--	--	5.2	--	5.7	129.2
Golden Valley	--	--	12.2	--	2.3	--	--	2.3	--	--	2.1	--	.9	19.8
Judith Basin	3.2	38.1	16.1	--	--	2.7	--	--	.7	--	--	--	--	60.8
Other	10.6	24.5	15.6	--	--	--	--	--	--	--	--	--	20.3	71.0
CENTRAL	17.6	180.8	120.9	7.8	4.5	2.7	13.1	8.3	.7	--	7.3	1.0	30.3	395.0
Gallatin	5.9	11.3	8.8	--	--	--	--	3.2	--	--	--	--	11.0	40.2
Other	4.1	6.4	--	--	--	--	--	--	--	--	--	--	4.3	14.8
S. WEST	10.0	17.7	8.8	--	--	--	--	3.2	--	--	--	--	15.3	55.0
Big Horn	--	10.3	36.1	25.0	--	--	--	--	--	--	--	--	8.0	79.4
Carbon	1.6	5.0	10.2	--	--	--	--	--	--	--	--	--	2.2	19.0
Park	2.1	8.2	--	1.9	--	--	--	--	--	--	--	--	.9	13.1
Stillwater	4.4	42.1	8.0	5.0	--	--	--	--	--	--	5.0	--	2.7	67.2
Yellowstone	1.9	15.5	55.9	12.9	--	--	--	--	--	--	--	--	13.4	99.6
Other	--	--	6.7	4.7	--	--	--	--	--	--	1.4	--	.9	13.7
S. CENTRAL	10.0	81.1	116.9	49.5	--	--	--	--	--	--	6.4	--	28.1	292.0
Carter	17.0	--	--	--	--	15.3	--	--	--	--	--	--	4.9	37.2
Custer	30.5	1.7	10.4	--	--	--	--	--	--	--	--	--	--	42.6
Fallon	31.5	--	--	--	--	4.1	--	--	--	--	--	--	1.3	36.9
Powder River	--	10.5	10.2	--	--	--	--	--	--	1.3	--	--	8.0	30.0
Prairie	4.7	--	2.7	26.8	--	--	--	--	--	--	--	--	6.2	40.4
Rosebud	--	9.5	19.1	--	--	--	--	--	--	--	--	--	1.0	29.6
Wibaux	1.4	--	--	--	1.7	8.2	--	--	--	--	--	--	--	11.3
S. EAST	85.1	21.7	42.4	26.8	1.7	27.6	--	--	--	1.3	--	--	21.4	228.0
STATE	830.9	811.9	705.4	138.1	100.2	78.1	51.9	33.5	18.8	16.3	13.7	6.8	194.4	3,000.0

SPRING WHEAT (EXCLUDING DURUM)
SEEDED ACREAGE BY VARIETIES, DISTRICTS & SELECTED COUNTIES - MONTANA 1979

District & County	Fortuna	Olaf	Prodax	Tioga	Newana	Lew	Wared	Butte	Thatcher	Nörana	Red River 68	Canthatch	Bounty 309	Other and Unknown	TOTAL
N. WEST	.1	--	--	--	.8	--	--	--	--	.7	--	--	--	9.4	11.0
Blaine	17.7	7.7	--	8.0	24.7	--	--	--	--	--	--	--	27.7	1.3	87.1
Chouteau	31.5	.5	3.9	--	1.7	2.4	4.8	--	--	.6	--	--	--	7.1	52.5
Glacier	55.1	--	--	--	21.7	7.8	3.7	1.0	--	14.7	--	--	--	--	104.0
Hill	93.4	4.0	23.4	--	--	4.0	--	--	4.7	19.4	--	--	5.0	3.5	157.4
Liberty	33.9	--	22.0	--	--	16.9	21.2	--	--	12.4	--	--	--	7.4	113.8
Phillips	--	29.1	--	25.2	--	2.3	11.7	--	23.3	10.1	--	--	--	18.3	120.0
Pondera	11.5	--	13.3	--	.1	5.9	.6	--	--	--	--	--	--	2.4	33.8
Teton	26.9	1.7	3.5	--	--	--	--	--	--	--	--	--	--	3.5	35.6
Toole	164.4	--	4.6	--	--	.5	10.2	--	5.1	--	--	--	--	--	184.8
N. CENTRAL	434.4	43.0	70.7	33.2	48.2	39.8	52.2	1.0	33.1	57.2	--	--	32.7	43.5	889.0
Daniels	39.6	22.4	--	79.5	--	41.9	--	27.9	--	6.3	56.3	--	--	2.5	276.4
Dawson	2.3	37.7	3.4	--	10.7	--	12.7	7.7	2.8	--	--	3.9	--	12.8	94.0
Garfield	--	15.0	--	--	22.6	--	--	--	--	--	--	--	--	--	37.6
McCone	--	57.1	23.9	12.2	5.3	2.4	--	--	--	--	--	--	--	3.3	104.2
Richland	--	86.4	1.2	--	--	1.7	1.6	12.1	18.2	--	--	--	--	9.0	130.2
Roosevelt	8.4	98.5	68.8	27.6	10.0	11.5	--	28.1	16.3	--	8.4	19.0	--	10.2	306.8
Sheridan	1.9	13.8	9.4	14.6	--	28.2	27.9	.5	--	--	7.1	4.7	--	30.8	138.9
Valley	70.3	30.2	74.6	58.6	45.4	12.8	--	39.6	15.0	--	--	--	--	12.5	359.0
N. EAST	122.5	361.1	181.3	192.5	94.0	98.5	42.2	115.9	52.3	6.3	71.8	27.6	--	81.1	1,447.1
Cascade	1.2	12.4	--	--	--	--	11.4	--	--	3.4	--	--	--	7.5	35.9
Fergus	14.1	--	1.7	--	2.9	--	1.0	--	1.0	--	--	--	--	3.3	24.0
Judith Basin	6.1	--	--	--	.1	--	--	--	--	--	--	4.8	--	3.0	14.0
Other	--	--	--	--	2.4	--	--	--	--	9.9	--	--	--	17.7	30.0
CENTRAL	21.4	12.4	1.7	--	5.4	--	12.4	--	1.0	13.3	--	4.8	--	31.5	103.9
S. WEST	3.8	--	7.4	--	3.8	--	--	--	--	--	--	.8	--	15.2	31.0
S. CENTRAL	5.3	--	--	--	--	.3	.2	--	--	.7	--	--	--	23.5	30.0
Fallon	11.2	36.1	--	--	--	--	--	2.3	--	3.8	--	--	--	--	53.4
Wibaux	3.1	--	--	--	--	--	17.8	--	--	--	7.7	--	--	23.0	51.6
Other	18.9	.5	1.8	--	1.2	--	--	--	.1	1.6	--	--	--	8.9	33.0
S. EAST	33.2	36.6	1.8	--	1.2	--	17.8	2.3	.1	5.4	7.7	--	--	31.9	138.0
STATE	620.7	453.1	262.9	225.7	153.4	138.6	124.8	119.2	86.5	83.6	79.5	33.2	32.7	236.1	2,650.0

1978 REVISED AND 1979 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage 1975	1976	1977	1978	1979	Seeded Acres 1978 Revised	1979 Preliminary
	---------- Percent ----------						
WINTER WHEAT							
Winalta	34.0	35.3	31.1	29.1	27.7	844,500	830,900
Centurk	3.5	12.0	25.7	28.1	27.1	814,100	811,900
Cheyenne	33.7	30.0	23.0	26.2	23.5	759,500	705,400
Warrior	5.8	6.1	3.9	3.2	4.6	93,600	138,100
Winoka	7.5	3.5	3.3	3.2	3.4	92,900	100,200
Rough Rider	--	--	--	--	2.6	---	78,100
Sundance	1.7	2.6	2.5	2.4	1.7	69,900	51,900
Nugaines	.5	.7	.8	.5	1.1	13,400	33,500
Trapper	3.5	2.4	2.0	.7	.6	20,300	18,800
Lancer	1.3	.6	1.3	.4	.5	12,200	16,300
Gent	--	--	--	--	.5	---	13,700
Wanser	.6	.4	.4	.2	.2	7,200	6,800
Other & unknown	7.9	6.4	6.0	6.0	6.5	172,400	194,400
TOTAL	100.0	100.0	100.0	100.0	100.0	2,900,000	3,000,000
SPRING WHEAT EXCLUDING DURUM							
Fortuna	48.4	35.2	34.1	21.6	23.4	409,500	620,700
Olaf	8.0	26.0	24.1	22.8	17.1	433,300	453,100
Prodax	--	1.1	6.3	9.0	9.9	171,100	262,900
Tioga	.9	6.1	7.9	8.9	8.5	169,000	225,700
Newana	--	--	--	1.0	5.8	19,100	153,400
Lew	--	--	1.4	3.8	5.2	73,100	138,600
Wared	.2	1.0	4.9	6.1	4.7	116,100	124,800
Butte	--	--	--	--	4.5	---	119,200
Thatcher	9.0	8.1	4.4	6.8	3.3	129,100	86,500
Norana	2.5	8.2	3.4	3.4	3.2	64,400	83,600
Red River 68	4.3	2.4	1.1	5.5	3.0	105,200	79,500
Canthatch	--	--	--	--	1.3	---	33,200
Bounty 309	--	--	--	--	1.2	---	32,700
Other & unknown	26.7	11.9	12.4	11.1	8.9	210,100	236,100
TOTAL	100.0	100.0	100.0	100.0	100.0	1,900,000	2,650,000

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE--1975 - 1979
1978 REVISED AND 1979 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage 1975	1976	1977	1978	1979	Seeded Acres 1978 Revised	1979 Preliminary
	Percent						
DURUM WHEAT							
Rolette	--	--	--	3.4	18.5	10,200	50,900
Ward	14.1	16.0	25.5	30.8	18.4	92,500	50,600
Wells	39.6	38.4	21.5	5.7	18.3	17,200	50,300
Cando	--	--	--	7.2	17.7	21,700	48,800
Crosby	.9	2.9	16.1	19.2	12.2	57,500	33,500
Edmore	--	--	--	--	.9	---	2,600
Calvin	--	--	--	--	.5	---	1,300
Other & unknown	45.4	42.7	36.9	33.7	13.5	100,900	37,000
TOTAL	100.0	100.0	100.0	100.0	100.0	300,000	275,000

DURUM WHEAT
SEEDED ACREAGES BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1979

District & County	Roll-ette	Ward	Wells	Cando	Crosby	Edmore	Calvin	Other and Unknown	TOTAL
	Thousand acres								
N. CENTRAL	14.0	17.4	.9	.1	--	--	--	6.4	38.8
Sheridan	21.8	24.2	38.4	48.7	33.5	2.6	1.3	1.6	172.1
Other	15.0	9.0	11.0	--	--	--	--	20.3	55.3
N. EAST	36.8	33.2	49.4	48.7	33.5	2.6	1.3	21.9	227.4
All Other Counties	.1	--	--	--	--	--	--	8.7	8.8
STATE	50.9	50.6	50.3	48.8	33.5	2.6	1.3	37.0	275.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

This report was made possible by funds provided by the Montana Wheat Research and Marketing Committee. The survey was conducted by the Montana Crop Reporting Service--USDA.

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WINALTA TOP WINTER WHEAT VARIETY: Winalta continues to be the most popular variety of winter wheat seeded in Montana. An estimated 683,800 acres or 26.3 percent of the State's acreage was seeded to this variety in 1980. Winalta is a high-quality milling and baking wheat, with moderate winter hardiness.

Cheyenne replaced Centurk as the second most popular variety, with an estimated 656,000 acres seeded. The Cheyenne variety produces a strong gluten flour but lacks the loaf volume and texture of Winalta.

Centurk slipped to third, with 641,100 acres or 24.7 percent of the State's acreage. Centurk is a variety of medium height and straw length which resists shattering.

Warrior placed fourth in popularity, with 5.8 percent of the acreage or 150,300 acres planted to this variety. It is a mid-tall, stiff-strawed variety which is moderately resistant to lodging and shattering. Its milling qualities are comparable to those of Winalta.

FORTUNA REMAINS TOP SPRING WHEAT VARIETY: Farmers planted 656,000 acres of Fortuna, making it the Number 1 spring wheat variety. Fortuna is a beardless, solid-stem variety which resists sawfly. It is a high yielding variety, with satisfactory milling qualities, but some weakness in baking quality.

Olaf was the second most popular variety, with 17.1 percent of the acreage seeded. Olaf is a semi-dwarf, rust-resistant variety, with good test weight.

Prodax remained in third place, with 309,800 acres or 10.7 percent of the total spring wheat planted. Lew replaced Tioga as the fourth most popular variety, with 293,600 acres seeded.

WARD MOST POPULAR DURUM WHEAT VARIETY: Ward replaced Rolette as the leading variety of durum wheat seeded in Montana. An estimated 153,400 acres or 36.5 percent of the durum wheat planted was Ward.

Cando was in second place, with 73,600 acres seeded as Rolette slipped to third place, with 59,500 acres. The fourth most popular variety was Crosby which accounted for 56,500 acres or 13.5 percent of the durum wheat planted.

These data are based upon a sample survey of grain producers who report varieties seeded. Variety data by county are based upon the percent of each variety reported. Data for minor varieties and minor counties are subject to more variation than major varieties and major counties.

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1976 - 1980
1979 REVISED AND 1980 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1976	1977	1978	1979	1980	1979 Revised	1980 Preliminary
	Percent						
WINTER WHEAT							
Winalta	35.3	31.1	29.1	27.7	26.3	830,900	683,800
Cheyenne	30.0	23.0	26.2	23.5	25.2	705,400	656,000
Centurk	12.0	25.7	28.1	27.1	24.7	811,900	641,100
Warrior	6.1	3.9	3.2	4.6	5.8	138,100	150,300
Rough Rider	--	--	--	2.6	4.1	78,100	106,800
Norstar	--	--	--	--	2.3	--	60,700
Winoka	3.5	3.3	3.2	3.4	2.2	100,200	58,900
Nugaines	.7	.8	.5	1.1	1.2	33,500	31,500
Gent	--	--	--	.5	.9	13,700	24,300
Sundance	2.6	2.5	2.4	1.7	.8	51,900	19,600
Lancer	.6	1.3	.4	.5	.7	16,300	16,900
Itana	--	--	--	--	.6	--	16,000
Other & unknown	9.2	8.4	6.9	7.3	5.2	220,000	134,100
TOTAL	100.0	100.0	100.0	100.0	100.0	3,000,000	2,600,000
SPRING WHEAT EXCLUDING DURUM							
Fortuna	35.2	34.1	21.6	23.4	22.6	620,700	656,000
Olaf	26.0	24.1	22.8	17.1	17.1	453,100	496,500
Prodax	1.1	6.3	9.0	9.9	10.7	262,900	309,800
Lew	--	1.4	3.8	5.2	10.1	138,600	293,600
Newana	--	--	1.0	5.8	7.6	153,400	220,100
Tioga	6.1	7.9	8.9	8.5	6.2	225,700	179,900
Thatcher	8.1	4.4	6.8	3.3	3.4	86,500	99,300
Butte	--	--	--	4.5	3.4	119,200	99,100
Wared	1.0	4.9	6.1	4.7	2.6	116,100	75,900
Norana	8.2	3.4	3.4	3.2	2.6	83,600	73,800
Red River 68	2.4	1.1	5.5	3.0	1.5	79,500	43,100
Bounty 309	--	--	--	1.2	.6	32,700	15,800
Other & unknown	11.9	12.4	11.1	10.2	11.6	278,000	337,100
TOTAL	100.0	100.0	100.0	100.0	100.0	2,650,000	2,900,000

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE--1976 - 1980
1979 REVISED AND 1980 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1976	1977	1978	1979	1980	1979 Revised	1980 Preliminary
	Percent						
DURUM WHEAT							
Ward	16.0	25.5	30.8	18.4	36.5	61,600	153,400
Cando	--	--	7.2	17.7	17.5	59,300	73,600
Rollette	--	--	3.4	18.5	14.2	62,000	59,500
Crosby	2.9	16.1	19.2	12.2	13.5	40,900	56,500
Wells	38.4	21.5	5.7	18.3	12.2	61,300	51,400
Wascana	--	--	--	--	1.3	--	5,300
Leeds	--	--	--	--	1.1	--	4,700
Other & unknown	42.7	36.9	33.7	14.9	3.7	49,900	15,600
TOTAL	100.0	100.0	100.0	100.0	100.0	335,000	420,000

DURUM WHEAT
SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES--MONTANA 1980

District & County	Ward	Cando	Roll-ette	Crosby	Wells	Wascana	Leeds	Other and Unknown	TOTAL
N. CENTRAL	26.4	--	18.6	--	--	1.2	4.7	6.1	57.0
Sheridan	91.7	71.8	20.8	50.0	41.3	--	--	.6	276.2
Other	34.8	.4	19.8	6.2	9.9	4.1	--	.2	75.4
N. East	126.5	72.2	40.6	56.2	51.2	4.1	--	.8	351.6
All other Counties	.5	1.4	.3	.3	.2	--	--	8.7	11.4
STATE	153.4	73.6	59.5	56.5	51.4	5.3	4.7	15.6	420.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

This report was made possible by funds provided by the Montana Wheat Research and Marketing Committee. The survey was conducted by the Montana Crop Reporting Service, USDA.

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State Statistician
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U. S. Department of Agriculture

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CENTURK TOP WINTER WHEAT VARIETY: Centurk replaced Winalta as the most popular variety of winter wheat seeded in Montana. An estimated 651,000 acres or 24.6 percent of the State's acreage was seeded to this variety in 1981. Centurk is a variety of medium height and straw length which resists shattering.

Winalta fell to the second most popular variety with 18.7 percent of the acreage or 496,000 acres planted. Winalta is a high-quality milling and baking wheat, with moderate winter hardiness.

Cheyenne slipped to third with 447,300 acres which accounted for 16.9 percent of the State's acreage. The Cheyenne variety produces a strong gluten flour but lacks the loaf volume and texture of Winalta.

Norstar jumped to fourth with 15.4 percent or 407,300 acres. It is a variety of medium height and straw strength with very good winter hardiness.

OLAF BECOMES TOP SPRING WHEAT VARIETY: Farmers planted 434,600 acres of Olaf, making it the number one spring wheat variety with 15.2 percent of the planted acreage. It is a semi-dwarf, rust-resistant variety with good test weight.

Prodax moved up to second place with 362,800 acres or 12.7 percent of the acreage seeded. It is a semi-dwarf variety with white awns.

Newana was the third most popular variety, virtually tied with Prodax, with 362,100 acres seeded. It is a bearded, semi-dwarf variety resistant to loose smut, stripe rust and stem rust, but susceptible to leaf rust.

Fortuna slipped from first to fourth with 12.0 percent and Lew was fifth with 11.1 percent.

WARD STILL TOP DURUM WHEAT VARIETY: Ward continues to be the most popular variety of durum wheat seeded in Montana. An estimated 141,600 acres or 28.9 percent of the durum acreage was planted to Ward.

Cando remained in second place with 18.8 percent of the acreage. Calvin moved up to third with 9.1 percent. The fourth and fifth most popular varieties of durum were Rolette and Crosby with 8.3 and 8.1 percent of the seeded acreage respectively.

These data are based upon a sample survey of grain producers who report varieties seeded. Variety data by county are based upon the percent of each variety reported. Data for minor varieties and minor counties are subject to more variation than major varieties and major counties.

MONTANA WHEAT VARIETIES. PERCENT OF TOTAL SEEDED ACREAGE 1977 - 1981
1980 REVISED AND 1981 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1977	1978	1979	1980	1981	1980 Revised	1981 Preliminary
	Percent						
WINTER WHEAT							
Centurk	25.7	28.1	27.1	24.7	24.6	641,100	651,000
Winalta	31.1	29.1	27.7	26.3	18.7	683,800	496,500
Cheyenne	23.0	26.2	23.5	25.2	16.9	656,000	447,300
Norstar	--	--	--	2.3	15.4	60,700	407,300
Roughrider	--	--	2.6	4.1	5.5	106,800	146,800
Warrior	3.9	3.2	4.6	5.8	3.5	150,300	93,100
Nugaines	.8	.5	1.1	1.2	2.4	31,500	62,400
Winoka	3.3	3.2	3.4	2.2	2.2	58,900	58,400
Rocky	--	--	--	--	1.8	--	47,100
Lancer	1.3	.4	.5	.7	.5	16,900	12,700
Wanser	--	--	--	--	.5	--	12,600
Other & Unknown	10.9	9.3	9.5	7.5	8.0	194,000	214,800
TOTAL	100.0	100.0	100.0	100.0	100.0	2,600,000	2,650,000
SPRING WHEAT							
Olaf	24.1	22.8	17.1	17.1	15.2	496,500	434,600
Prodax	6.3	9.0	9.9	10.7	12.7	309,800	362,800
Newana	--	1.0	5.8	7.6	12.7	220,100	362,100
Fortuna	34.1	21.6	23.4	22.6	12.0	656,000	342,900
Lew	1.4	3.8	5.2	10.1	11.1	293,600	317,200
Solar	--	--	--	--	6.8	--	193,500
Tioga	7.9	8.9	8.5	6.2	5.6	179,900	158,600
Butte	--	--	4.5	3.4	4.2	99,100	119,300
Norana	3.4	3.4	3.2	2.6	3.9	73,800	110,700
Thatcher	4.4	6.8	3.3	3.4	2.6	99,300	73,300
Wared	4.9	6.1	4.7	2.6	1.7	75,900	49,600
Waldron	1.3	2.3	--	--	1.4	--	40,700
Wampum	--	--	--	--	1.4	--	40,500
Other & Unknown	12.2	14.3	14.4	13.7	8.7	396,000	244,200
TOTAL	100.0	100.0	100.0	100.0	100.0	2,900,000	2,850,000
DURUM							
Ward	25.5	30.8	18.4	36.5	28.9	171,600	141,600
Cando	--	7.2	17.7	17.5	18.8	82,300	92,300
Calvin	--	--	--	--	9.1	--	44,700
Rolette	--	3.4	18.5	14.2	8.3	66,700	40,700
Crosby	16.1	19.2	12.2	13.5	8.1	63,500	39,600
Wells	21.5	5.7	18.3	12.2	5.9	57,300	28,700
Colter	--	--	--	--	5.2	--	25,600
Wascona	5.0	1.7	--	1.3	3.4	6,100	16,800
Rugby	--	--	--	--	2.8	--	13,600
Edmore	--	--	--	--	1.6	--	7,800
Vic	--	--	--	--	1.3	--	6,500
Leeds	1.7	3.3	--	1.1	1.0	5,200	4,800
Other & Unknown	30.2	28.7	14.9	3.7	5.6	17,300	27,300
TOTAL	100.0	100.0	100.0	100.0	100.0	470,000	490,000